

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019568.D
 Acq On : 23 Jul 2021 12:00
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/26/2021 5:19:37 PM

Quant Time: Jul 24 05:17:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.951	168	287340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	457570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	408440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	195383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	133611	47.858	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.720%		
35) Dibromofluoromethane	7.884	113	131455	47.023	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.040%		
50) Toluene-d8	10.323	98	497519	45.965	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.940%		
62) 4-Bromofluorobenzene	12.621	95	189113	46.579	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	96609	47.157	ug/l	97
3) Chloromethane	2.215	50	110722	44.591	ug/l	95
4) Vinyl Chloride	2.367	62	167191	49.398	ug/l	98
5) Bromomethane	2.788	94	102192	52.319	ug/l	100
6) Chloroethane	2.928	64	93468	48.712	ug/l	100
7) Trichlorofluoromethane	3.263	101	117674	54.545	ug/l	99
8) Diethyl Ether	3.684	74	82070	48.657	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.068	101	154565	50.932	ug/l	99
10) Methyl Iodide	4.275	142	200854	50.830	ug/l	98
11) Tert butyl alcohol	5.232	59	40804	203.491	ug/l #	88
12) 1,1-Dichloroethene	4.044	96	160328	50.764	ug/l	99
13) Acrolein	3.910	56	47292	247.576	ug/l	99
14) Allyl chloride	4.672	41	243107	53.593	ug/l	99
15) Acrylonitrile	5.379	53	167085	232.114	ug/l	99
16) Acetone	4.153	43	155214	297.012	ug/l	97
17) Carbon Disulfide	4.385	76	447613	49.545	ug/l	98
18) Methyl Acetate	4.684	43	70855	40.829	ug/l	97
19) Methyl tert-butyl Ether	5.428	73	218437	49.178	ug/l	97
20) Methylene Chloride	4.915	84	188722	55.506	ug/l	99
21) trans-1,2-Dichloroethene	5.428	96	172327	50.122	ug/l	96
22) Diisopropyl ether	6.312	45	472350	48.664	ug/l	98
23) Vinyl Acetate	6.257	43	1388552	238.280	ug/l	100
24) 1,1-Dichloroethane	6.214	63	316034	48.752	ug/l	100
25) 2-Butanone	7.183	43	211584	235.367	ug/l	98
26) 2,2-Dichloropropane	7.165	77	178857	51.825	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	187237	48.818	ug/l	99
28) Bromochloromethane	7.513	49	114057	44.064	ug/l	96
29) Tetrahydrofuran	7.537	42	127805	214.010	ug/l	98
30) Chloroform	7.677	83	301972	47.669	ug/l	100
31) Cyclohexane	7.958	56	287441	47.607	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	240097	51.035	ug/l	99
36) 1,1-Dichloropropene	8.086	75	253080	51.881	ug/l	99
37) Ethyl Acetate	7.256	43	92178	45.089	ug/l	99
38) Carbon Tetrachloride	8.073	117	227780	53.452	ug/l	99
39) Methylcyclohexane	9.335	83	307329	53.006	ug/l	96
40) Benzene	8.323	78	683528	50.066	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	58150	50.099	ug/l	98
42) 1,2-Dichloroethane	8.403	62	187374	47.571	ug/l	99
43) Isopropyl Acetate	8.427	43	176604	46.210	ug/l	100
44) Trichloroethene	9.091	130	177104	51.476	ug/l	90
45) 1,2-Dichloropropane	9.366	63	170720	49.514	ug/l	97
46) Dibromomethane	9.457	93	84315	48.208	ug/l	99
47) Bromodichloromethane	9.646	83	217820	49.583	ug/l	98
48) Methyl methacrylate	9.439	41	86348	49.312	ug/l	96
49) 1,4-Dioxane	9.494	88	24542	948.473	ug/l #	97
51) 4-Methyl-2-Pentanone	10.207	43	452164	229.376	ug/l	99
52) Toluene	10.390	92	432848	51.076	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	220353	49.173	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	268989	50.447	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	118195	47.982	ug/l	96
56) Ethyl methacrylate	10.646	69	159502	49.453	ug/l	98
57) 1,3-Dichloropropane	10.933	76	214761	48.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	361420	242.130	ug/l	100
59) 2-Hexanone	10.969	43	313385	239.614	ug/l	100
60) Dibromochloromethane	11.134	129	135876	50.205	ug/l	97
61) 1,2-Dibromoethane	11.237	107	113422	48.775	ug/l	97
64) Tetrachloroethene	10.866	164	144626	52.722	ug/l	99
65) Chlorobenzene	11.658	112	445490	51.276	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	151983	50.857	ug/l	97
67) Ethyl Benzene	11.731	91	829501	52.156	ug/l	99
68) m/p-Xylenes	11.841	106	634199	104.313	ug/l	99
69) o-Xylene	12.164	106	297044	52.260	ug/l	96
70) Styrene	12.182	104	510274	53.143	ug/l	99
71) Bromoform	12.347	173	75471	50.654	ug/l #	95
73) Isopropylbenzene	12.463	105	813411	54.794	ug/l	100
74) N-amyl acetate	12.274	43	164424	48.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	135542	48.550	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	90730m	46.986	ug/l	
77) Bromobenzene	12.749	156	175884	52.560	ug/l	95
78) n-propylbenzene	12.804	91	1003069	54.045	ug/l	99
79) 2-Chlorotoluene	12.890	91	573858	52.588	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	673506	53.204	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	42569	50.240	ug/l	99
82) 4-Chlorotoluene	12.987	91	582331	51.606	ug/l	98
83) tert-Butylbenzene	13.207	119	591402	55.067	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	672807	53.110	ug/l	99
85) sec-Butylbenzene	13.383	105	901458	54.609	ug/l	100
86) p-Isopropyltoluene	13.499	119	749089	55.069	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	356758	52.087	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	348257	51.369	ug/l	99
89) n-Butylbenzene	13.822	91	718735	53.973	ug/l	99
90) Hexachloroethane	14.091	117	125353	52.272	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	306938	50.953	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	21743	46.973	ug/l	95
93) 1,2,4-Trichlorobenzene	15.133	180	223478	54.958	ug/l	97
94) Hexachlorobutadiene	15.231	225	130112	56.559	ug/l	98
95) Naphthalene	15.365	128	393896	52.889	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	184046	51.778	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Jul 20 04:37:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

MMDadoda
7/26/2021 5:19:37 PM

Abundance

TIC: VW019568.D\data.ms

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

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100000
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Dichlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
1,1,2,2-Tetrachloroethane, T
Acetone, T
Methyl Carbon Disulfide, T
Methyl Acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
Methyl 1,2-Dichloroethane, T
1,1-Dichloroethane, P
Diisopropyl ether, Vinyl Acetate, T
Ethyl Acetate, T
2-Butanol, T
Isopropyl alcohol, T
Methacrylonitrile, T
Chloroform, C
1,1,2,2-Tetrachloroethane, S
1,1,2,2-Tetrachloroethane, T
1,1,2,2-Tetrachloroethane, T
1,2-Dichloroethane, T
Isopropyl alcohol, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,4-Dioxane, T
1,4-Dichlorobenzene, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Toluene, CM
2-Chloroethyl Vinyl ether, T
Ethyl 1,2-Dichloropropene, T
1,1,2-Trichloroethane, T
1,2-Dichloroethane, T
1,3-Dichloropropane, T
Dibromochloromethane, T
1,2-Dibromethane, I
Chlorobenzene, T
Ethyl Benzene, T
Bromobenzene, T
N-ethyl acetate, T
trans-1,4-Dichloro-2-butene, T
Bromofluorobenzene, S
1,1,2,2-Tetrachloroethane, T
1,2,3-Trichlorobenzene, T
1,2,4-Trichlorobenzene, T
1,2,3-Trichlorobenzene, T
1,2-Dibromo-3-Chloropropane, T
Hexachloroethane, T
1,2-Dichlorobenzene, T
1,4-Dichlorobenzene, T
1,2,3-Trichlorobenzene, T
Naphthalene, T
1,4-Tribromobenzene, T
1,2,3-Trichlorobenzene, T
1,2,4-Trimethylbenzene, T
sec-Butylbenzene, T
n-Butylbenzene, T
p-Butylbenzene, T
p-Xylenes, T
Ethyl Benzene, T