

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
 Data File : VW020713.D
 Acq On : 28 Oct 2021 10:49
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 4:39:06 PM

Quant Time: Oct 29 04:57:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 04:51:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	116055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	165899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	151973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	84382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	51546	45.185	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.380%		
35) Dibromofluoromethane	7.884	113	45874	47.137	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.280%		
50) Toluene-d8	10.323	98	172503	47.232	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.460%		
62) 4-Bromofluorobenzene	12.615	95	65299	47.392	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	15451	54.200	ug/l	100
3) Chloromethane	2.215	50	33453	48.209	ug/l	100
4) Vinyl Chloride	2.361	62	42004	51.722	ug/l	100
5) Bromomethane	2.769	94	15414	46.912	ug/l	100
6) Chloroethane	2.916	64	10553	52.231	ug/l	100
7) Trichlorofluoromethane	3.251	101	19100	49.988	ug/l	100
8) Diethyl Ether	3.684	74	24280	51.270	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.062	101	47545	50.807	ug/l	100
10) Methyl Iodide	4.275	142	56914	53.989	ug/l	100
11) Tert butyl alcohol	5.171	59	14262	234.911	ug/l	100
12) 1,1-Dichloroethene	4.044	96	47810	52.414	ug/l	100
13) Acrolein	3.891	56	6864	257.156	ug/l	100
14) Allyl chloride	4.665	41	73068	52.087	ug/l	100
15) Acrylonitrile	5.367	53	57154	257.789	ug/l	100
16) Acetone	4.123	43	66481	260.475	ug/l	100
17) Carbon Disulfide	4.385	76	131912	52.247	ug/l	100
18) Methyl Acetate	4.672	43	40844	50.070	ug/l	100
19) Methyl tert-butyl Ether	5.434	73	67258	53.807	ug/l	100
20) Methylene Chloride	4.915	84	50122	41.372	ug/l	100
21) trans-1,2-Dichloroethene	5.421	96	52620	51.578	ug/l	100
22) Diisopropyl ether	6.311	45	154798	52.899	ug/l	100
23) Vinyl Acetate	6.257	43	426023	267.543	ug/l	100
24) 1,1-Dichloroethane	6.214	63	96294	51.337	ug/l	100
25) 2-Butanone	7.171	43	80005	260.703	ug/l	100
26) 2,2-Dichloropropane	7.165	77	53684	51.437	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	58068	52.038	ug/l	100
28) Bromochloromethane	7.512	49	41330	47.420	ug/l #	100
29) Tetrahydrofuran	7.531	42	48890	263.294	ug/l	100
30) Chloroform	7.677	83	98980	50.545	ug/l	100
31) Cyclohexane	7.958	56	93242	48.775	ug/l	100
32) 1,1,1-Trichloroethane	7.872	97	75793	50.552	ug/l	100
36) 1,1-Dichloropropene	8.086	75	78775	53.227	ug/l	100
37) Ethyl Acetate	7.256	43	33167	52.514	ug/l	100
38) Carbon Tetrachloride	8.067	117	71983	52.814	ug/l	100
39) Methylcyclohexane	9.335	83	95982	53.672	ug/l	100
40) Benzene	8.323	78	220978	52.025	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	18754	50.473	ug/l	100
42) 1,2-Dichloroethane	8.403	62	67784	51.923	ug/l	100
43) Isopropyl Acetate	8.427	43	63928	52.845	ug/l	100
44) Trichloroethene	9.091	130	58616	52.527	ug/l	100
45) 1,2-Dichloropropane	9.372	63	52271	52.174	ug/l	100
46) Dibromomethane	9.463	93	28323	52.027	ug/l	100
47) Bromodichloromethane	9.646	83	72811	52.688	ug/l	100
48) Methyl methacrylate	9.439	41	30269	52.933	ug/l	100
49) 1,4-Dioxane	9.451	88	7598	1052.751	ug/l	100
51) 4-Methyl-2-Pentanone	10.207	43	168113	265.640	ug/l	100
52) Toluene	10.390	92	138813	53.467	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	75281	54.072	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	85477	53.369	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	39324	51.784	ug/l	100
56) Ethyl methacrylate	10.646	69	52714	55.578	ug/l	100
57) 1,3-Dichloropropane	10.933	76	69442	52.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	110343	245.330	ug/l	100
59) 2-Hexanone	10.969	43	121740	272.010	ug/l	100
60) Dibromochloromethane	11.128	129	47825	52.698	ug/l	100
61) 1,2-Dibromoethane	11.231	107	38259	52.645	ug/l	100
64) Tetrachloroethene	10.866	164	52259	53.999	ug/l	100
65) Chlorobenzene	11.658	112	144561	52.455	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	52934	52.704	ug/l	100
67) Ethyl Benzene	11.731	91	271757	54.433	ug/l	100
68) m/p-Xylenes	11.841	106	210796	109.002	ug/l	100
69) o-Xylene	12.164	106	97613	54.839	ug/l	100
70) Styrene	12.182	104	168850	55.338	ug/l	100
71) Bromoform	12.347	173	29445	53.637	ug/l #	100
73) Isopropylbenzene	12.463	105	268283	52.668	ug/l	100
74) N-amyl acetate	12.274	43	61854	53.008	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	45475	50.610	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	37006m	81.766	ug/l	
77) Bromobenzene	12.743	156	63474	51.480	ug/l	100
78) n-propylbenzene	12.804	91	332150	52.896	ug/l	100
79) 2-Chlorotoluene	12.890	91	187229	51.771	ug/l	100
80) 1,3,5-Trimethylbenzene	12.938	105	235041	53.021	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	15335	52.946	ug/l	100
82) 4-Chlorotoluene	12.987	91	196992	51.322	ug/l	100
83) tert-Butylbenzene	13.207	119	200035	53.080	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	233569	52.909	ug/l	100
85) sec-Butylbenzene	13.383	105	295814	52.178	ug/l	100
86) p-Isopropyltoluene	13.493	119	255254	53.027	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	131357	51.980	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	126610	50.221	ug/l	100
89) n-Butylbenzene	13.822	91	240227	53.093	ug/l	100
90) Hexachloroethane	14.091	117	43841	50.036	ug/l	100
91) 1,2-Dichlorobenzene	13.865	146	115401	52.156	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	7826	48.846	ug/l	100
93) 1,2,4-Trichlorobenzene	15.133	180	77894	51.323	ug/l	100
94) Hexachlorobutadiene	15.231	225	47425	48.358	ug/l	100
95) Naphthalene	15.365	128	138196	54.762	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	69327	50.864	ug/l	100

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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