

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019257.D
 Acq On : 22 Jun 2021 09:24
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/23/2021 5:29:25 PM

Quant Time: Jun 23 05:38:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	470746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	747433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	665587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	335107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	247556	43.351	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.700%	
35) Dibromofluoromethane	7.884	113	226008	47.474	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.940%	
50) Toluene-d8	10.323	98	899303	47.188	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.380%	
62) 4-Bromofluorobenzene	12.615	95	323049	48.467	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.940%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	173921	52.087	ug/l	98
3) Chloromethane	2.215	50	166350	42.132	ug/l	98
4) Vinyl Chloride	2.367	62	276747	45.824	ug/l	99
5) Bromomethane	2.788	94	201619	42.652	ug/l	97
6) Chloroethane	2.928	64	168876	42.098	ug/l	98
7) Trichlorofluoromethane	3.263	101	181327	52.953	ug/l	96
8) Diethyl Ether	3.684	74	121951	46.734	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.074	101	248646	50.253	ug/l	99
10) Methyl Iodide	4.281	142	335914	50.734	ug/l	97
11) Tert butyl alcohol	5.208	59	62234	231.866	ug/l #	82
12) 1,1-Dichloroethene	4.050	96	256777	50.476	ug/l	94
13) Acrolein	3.903	56	58436	194.362	ug/l	98
14) Allyl chloride	4.672	41	326490	47.813	ug/l	99
15) Acrylonitrile	5.373	53	228184	213.448	ug/l	99
16) Acetone	4.141	43	231662	252.761	ug/l	98
17) Carbon Disulfide	4.391	76	721977	48.087	ug/l	100
18) Methyl Acetate	4.678	43	94484	40.523	ug/l	99
19) Methyl tert-butyl Ether	5.434	73	328235	47.597	ug/l	99
20) Methylene Chloride	4.922	84	271355	48.291	ug/l	94
21) trans-1,2-Dichloroethene	5.428	96	273970	48.389	ug/l	97
22) Diisopropyl ether	6.312	45	658242	44.372	ug/l	98
23) Vinyl Acetate	6.257	43	2020789	224.429	ug/l	100
24) 1,1-Dichloroethane	6.220	63	481497	46.051	ug/l	98
25) 2-Butanone	7.177	43	301914	223.356	ug/l	98
26) 2,2-Dichloropropane	7.171	77	283770	49.544	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	293417	47.750	ug/l	98
28) Bromochloromethane	7.513	49	164442	39.732	ug/l	98
29) Tetrahydrofuran	7.531	42	175246	209.318	ug/l	99
30) Chloroform	7.677	83	487203	46.459	ug/l	97
31) Cyclohexane	7.958	56	433458	44.642	ug/l	99
32) 1,1,1-Trichloroethane	7.878	97	389511	49.319	ug/l	99
36) 1,1-Dichloropropene	8.086	75	399374	50.488	ug/l	99
37) Ethyl Acetate	7.257	43	132200	44.705	ug/l	98
38) Carbon Tetrachloride	8.073	117	375270	54.268	ug/l	99
39) Methylcyclohexane	9.335	83	508801	54.231	ug/l	98
40) Benzene	8.323	78	1063702	49.084	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	76224	46.067	ug/l	94
42) 1,2-Dichloroethane	8.397	62	311449	48.370	ug/l	100
43) Isopropyl Acetate	8.427	43	261854	46.396	ug/l	99
44) Trichloroethene	9.092	130	282968	52.467	ug/l	93
45) 1,2-Dichloropropane	9.372	63	251045	47.202	ug/l	100
46) Dibromomethane	9.457	93	135302	48.430	ug/l	99
47) Bromodichloromethane	9.646	83	352267	49.880	ug/l	96
48) Methyl methacrylate	9.433	41	127292	50.111	ug/l	93
49) 1,4-Dioxane	9.476	88	36899	1023.327	ug/l #	85
51) 4-Methyl-2-Pentanone	10.207	43	646963	226.264	ug/l	100
52) Toluene	10.390	92	688899	51.086	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	355204	50.453	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	416308	50.725	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	185325	48.138	ug/l	95
56) Ethyl methacrylate	10.646	69	245181	50.283	ug/l	99
57) 1,3-Dichloropropane	10.933	76	331567	47.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	511175	223.592	ug/l	98
59) 2-Hexanone	10.969	43	469732	242.547	ug/l	99
60) Dibromochloromethane	11.128	129	216059	51.870	ug/l	99
61) 1,2-Dibromoethane	11.238	107	179055	49.686	ug/l	98
64) Tetrachloroethene	10.860	164	223890	52.915	ug/l	93
65) Chlorobenzene	11.658	112	702070	51.887	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	238558	51.565	ug/l	99
67) Ethyl Benzene	11.731	91	1347762	52.762	ug/l	97
68) m/p-Xylenes	11.841	106	1026515	107.642	ug/l	98
69) o-Xylene	12.164	106	481007	53.815	ug/l	98
70) Styrene	12.182	104	815440	54.105	ug/l	99
71) Bromoform	12.347	173	119603	53.305	ug/l #	99
73) Isopropylbenzene	12.463	105	1316868	52.837	ug/l	98
74) N-amyl acetate	12.274	43	253282	47.984	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	211741	46.705	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	171323m	52.186	ug/l	
77) Bromobenzene	12.749	156	275132	51.282	ug/l	97
78) n-propylbenzene	12.804	91	1657324	52.742	ug/l	100
79) 2-Chlorotoluene	12.890	91	928752	51.704	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	1122798	53.134	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	68127	50.343	ug/l	98
82) 4-Chlorotoluene	12.987	91	965177	51.409	ug/l	100
83) tert-Butylbenzene	13.207	119	988286	55.395	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	1111589	52.984	ug/l	98
85) sec-Butylbenzene	13.383	105	1491265	53.739	ug/l	99
86) p-Isopropyltoluene	13.499	119	1210080	53.589	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	586965	51.707	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	571557	50.946	ug/l	100
89) n-Butylbenzene	13.822	91	1217211	53.592	ug/l	99
90) Hexachloroethane	14.091	117	213677	52.207	ug/l	93
91) 1,2-Dichlorobenzene	13.871	146	507979	51.308	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	34553	47.754	ug/l	93
93) 1,2,4-Trichlorobenzene	15.133	180	326526	51.677	ug/l	99
94) Hexachlorobutadiene	15.231	225	203633	54.652	ug/l	99
95) Naphthalene	15.365	128	598589	51.939	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	279516	51.178	ug/l	99

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

