

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019505.D
 Acq On : 20 Jul 2021 09:30
 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
 7/21/2021 5:52:31 PM

Quant Time: Jul 20 09:49:46 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	319645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	517826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	467211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	224782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	152848	49.358	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.720%		
35) Dibromofluoromethane	7.890	113	147697	46.685	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.360%		
50) Toluene-d8	10.323	98	546343	44.602	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.200%		
62) 4-Bromofluorobenzene	12.621	95	211499	46.031	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.020	85	125484	55.062	ug/l	99
3) Chloromethane	2.221	50	135193	48.943	ug/l	95
4) Vinyl Chloride	2.373	62	200139	53.157	ug/l	100
5) Bromomethane	2.794	94	117048	53.869	ug/l	95
6) Chloroethane	2.934	64	109943	51.507	ug/l	98
7) Trichlorofluoromethane	3.269	101	124568	51.905	ug/l	98
8) Diethyl Ether	3.690	74	93201	49.672	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.074	101	178651	52.919	ug/l	99
10) Methyl Iodide	4.281	142	231603	52.688	ug/l	99
11) Tert butyl alcohol	5.226	59	51932	235.855	ug/l	99
12) 1,1-Dichloroethene	4.050	96	181815	51.749	ug/l	97
13) Acrolein	3.909	56	42552	200.248	ug/l	99
14) Allyl chloride	4.678	41	273021	54.104	ug/l	100
15) Acrylonitrile	5.379	53	197178	246.236	ug/l	99
16) Acetone	4.153	43	163455	281.170	ug/l	100
17) Carbon Disulfide	4.397	76	520123	51.753	ug/l	97
18) Methyl Acetate	4.684	43	87282	45.211	ug/l	100
19) Methyl tert-butyl Ether	5.434	73	246406	49.868	ug/l	99
20) Methylene Chloride	4.928	84	210232	55.590	ug/l	99
21) trans-1,2-Dichloroethene	5.427	96	199306	52.111	ug/l	93
22) Diisopropyl ether	6.318	45	565438	52.367	ug/l	98
23) Vinyl Acetate	6.263	43	1650026	254.533	ug/l	98
24) 1,1-Dichloroethane	6.220	63	371169	51.471	ug/l	100
25) 2-Butanone	7.183	43	244299	244.294	ug/l	99
26) 2,2-Dichloropropane	7.171	77	194217	50.588	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	216949	50.848	ug/l	99
28) Bromochloromethane	7.519	49	143067	49.686	ug/l	100
29) Tetrahydrofuran	7.543	42	156572	235.683	ug/l	100
30) Chloroform	7.683	83	363398	51.568	ug/l	98
31) Cyclohexane	7.958	56	327938	48.825	ug/l	99
32) 1,1,1-Trichloroethane	7.878	97	269699	51.533	ug/l	100
36) 1,1-Dichloropropene	8.086	75	290135	52.557	ug/l	99
37) Ethyl Acetate	7.263	43	111710	48.284	ug/l	99
38) Carbon Tetrachloride	8.073	117	250749	51.995	ug/l	91
39) Methylcyclohexane	9.335	83	349722	53.299	ug/l	99
40) Benzene	8.323	78	804513	52.071	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	67214	51.170	ug/l	97
42) 1,2-Dichloroethane	8.403	62	224672	50.403	ug/l	99
43) Isopropyl Acetate	8.427	43	208459	48.198	ug/l	99
44) Trichloroethene	9.091	130	198729	51.041	ug/l	97
45) 1,2-Dichloropropane	9.372	63	202599	51.922	ug/l	99
46) Dibromomethane	9.463	93	99280	50.159	ug/l	98
47) Bromodichloromethane	9.646	83	260627	52.423	ug/l	98
48) Methyl methacrylate	9.439	41	95015	47.948	ug/l	98
49) 1,4-Dioxane	9.482	88	32050	1094.503	ug/l #	99
51) 4-Methyl-2-Pentanone	10.213	43	543988	243.846	ug/l	100
52) Toluene	10.390	92	507297	52.895	ug/l	98
53) t-1,3-Dichloropropene	10.609	75	259966	51.263	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	316783	52.498	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	140630	50.447	ug/l	99
56) Ethyl methacrylate	10.646	69	187760	51.440	ug/l	99
57) 1,3-Dichloropropane	10.933	76	254353	50.447	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	397900	235.551	ug/l	98
59) 2-Hexanone	10.969	43	368636	249.061	ug/l	99
60) Dibromochloromethane	11.128	129	160649	52.451	ug/l	95
61) 1,2-Dibromoethane	11.237	107	131984	50.153	ug/l	97
64) Tetrachloroethene	10.866	164	162956	51.932	ug/l	97
65) Chlorobenzene	11.658	112	512754	51.594	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	180793	52.888	ug/l	99
67) Ethyl Benzene	11.731	91	979825	53.858	ug/l	99
68) m/p-Xylenes	11.841	106	735698	105.785	ug/l	100
69) o-Xylene	12.164	106	342848	52.731	ug/l	93
70) Styrene	12.182	104	591974	53.897	ug/l	99
71) Bromoform	12.347	173	86721	50.883	ug/l #	93
73) Isopropylbenzene	12.463	105	914362	53.538	ug/l	100
74) N-amyl acetate	12.274	43	195465	50.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	160205	49.879	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	129387m	58.241	ug/l	
77) Bromobenzene	12.749	156	196243	50.974	ug/l	96
78) n-propylbenzene	12.804	91	1163655	54.498	ug/l	99
79) 2-Chlorotoluene	12.890	91	677030	53.929	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	794964	54.585	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	49526	50.806	ug/l	98
82) 4-Chlorotoluene	12.987	91	701582	54.043	ug/l	100
83) tert-Butylbenzene	13.207	119	668377	54.095	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	789985	54.204	ug/l	99
85) sec-Butylbenzene	13.383	105	1035840	54.543	ug/l	100
86) p-Isopropyltoluene	13.499	119	852820	54.495	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	414426	52.593	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	404468	51.857	ug/l	99
89) n-Butylbenzene	13.822	91	835734	54.551	ug/l	100
90) Hexachloroethane	14.091	117	149610	54.227	ug/l	100
91) 1,2-Dichlorobenzene	13.865	146	355638	51.316	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	26171	49.144	ug/l	100
93) 1,2,4-Trichlorobenzene	15.127	180	247400	52.884	ug/l	96
94) Hexachlorobutadiene	15.231	225	149537	56.501	ug/l	98
95) Naphthalene	15.365	128	451821	52.732	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	212566	51.980	ug/l	99

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

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