

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019522.D
 Acq On : 20 Jul 2021 19:47
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/21/2021 5:52:37 PM

Quant Time: Jul 21 02:07:04 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	7.952	168	291228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	495257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	446771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	207313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	157584	56.513	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.020%			
35) Dibromofluoromethane	7.885	113	149018	49.249	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.500%			
50) Toluene-d8	10.323	98	554119	47.299	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.600%			
62) 4-Bromofluorobenzene	12.622	95	217503	49.495	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	93892	45.219	ug/l	99
3) Chloromethane	2.215	50	105300	41.841	ug/l	98
4) Vinyl Chloride	2.367	62	149966	43.717	ug/l	99
5) Bromomethane	2.782	94	93870	47.417	ug/l	100
6) Chloroethane	2.928	64	89990	46.273	ug/l	98
7) Trichlorofluoromethane	3.270	101	99382	45.451	ug/l	100
8) Diethyl Ether	3.684	74	87175	50.994	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.068	101	147286	47.886	ug/l	99
10) Methyl Iodide	4.276	142	199242	49.749	ug/l	98
11) Tert butyl alcohol	5.178	59	50268	251.892	ug/l	98
12) 1,1-Dichloroethene	4.050	96	152957	47.783	ug/l	95
13) Acrolein	3.904	56	37005	191.137	ug/l	99
14) Allyl chloride	4.672	41	230466	50.128	ug/l	99
15) Acrylonitrile	5.373	53	186950	256.243	ug/l	100
16) Acetone	4.129	43	132475	250.115	ug/l	98
17) Carbon Disulfide	4.391	76	417633	45.610	ug/l	97
18) Methyl Acetate	4.672	43	84980	48.314	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	242047	53.766	ug/l	99
20) Methylene Chloride	4.922	84	191200	55.482	ug/l	97
21) trans-1,2-Dichloroethene	5.428	96	172735	49.570	ug/l	97
22) Diisopropyl ether	6.312	45	499787	50.803	ug/l	99
23) Vinyl Acetate	6.257	43	1522171	257.722	ug/l	100
24) 1,1-Dichloroethane	6.220	63	324308	49.360	ug/l	99
25) 2-Butanone	7.171	43	232222	254.876	ug/l	98
26) 2,2-Dichloropropane	7.165	77	162821	46.548	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	196567	50.566	ug/l	98
28) Bromochloromethane	7.513	49	126845	48.350	ug/l	98
29) Tetrahydrofuran	7.531	42	155068	256.196	ug/l	98
30) Chloroform	7.677	83	315211	49.094	ug/l	99
31) Cyclohexane	7.958	56	281543	46.008	ug/l	98
32) 1,1,1-Trichloroethane	7.879	97	237671	49.845	ug/l	98
36) 1,1-Dichloropropene	8.086	75	249259	47.210	ug/l	99
37) Ethyl Acetate	7.257	43	106661	48.203	ug/l	99
38) Carbon Tetrachloride	8.074	117	219431	47.574	ug/l	95
39) Methylcyclohexane	9.336	83	313123	49.896	ug/l	96
40) Benzene	8.330	78	706097	47.783	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	65626	52.238	ug/l	97
42) 1,2-Dichloroethane	8.403	62	206052	48.332	ug/l	99
43) Isopropyl Acetate	8.427	43	207382	50.134	ug/l	100
44) Trichloroethene	9.092	130	182719	49.067	ug/l	96
45) 1,2-Dichloropropane	9.372	63	180373	48.333	ug/l	99
46) Dibromomethane	9.464	93	91145	48.147	ug/l	96
47) Bromodichloromethane	9.646	83	234873	49.396	ug/l	99
48) Methyl methacrylate	9.439	41	95395	50.333	ug/l	98
49) 1,4-Dioxane	9.457	88	29388	1049.330	ug/l #	94
51) 4-Methyl-2-Pentanone	10.213	43	539436	252.824	ug/l	99
52) Toluene	10.390	92	445519	48.571	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	238441	49.161	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	283796	49.174	ug/l	97
55) 1,1,2-Trichloroethane	10.787	97	130731	49.033	ug/l	99
56) Ethyl methacrylate	10.646	69	184821	52.942	ug/l	100
57) 1,3-Dichloropropane	10.933	76	234922	48.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	409818	253.661	ug/l	100
59) 2-Hexanone	10.969	43	366329	258.781	ug/l	100
60) Dibromochloromethane	11.134	129	144866	49.454	ug/l	99
61) 1,2-Dibromoethane	11.238	107	124765	49.570	ug/l	99
64) Tetrachloroethene	10.866	164	140858	46.943	ug/l	97
65) Chlorobenzene	11.658	112	463804	48.804	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	161081	49.277	ug/l	99
67) Ethyl Benzene	11.731	91	867945	49.891	ug/l	99
68) m/p-Xylenes	11.841	106	648992	97.587	ug/l	98
69) o-Xylene	12.164	106	305221	49.091	ug/l	93
70) Styrene	12.183	104	534956	50.934	ug/l	100
71) Bromoform	12.353	173	83258	51.086	ug/l #	95
73) Isopropylbenzene	12.463	105	833170	52.895	ug/l	99
74) N-amyl acetate	12.274	43	192484	53.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	151177	51.034	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	103693m	50.609	ug/l	
77) Bromobenzene	12.750	156	181985	51.254	ug/l	98
78) n-propylbenzene	12.804	91	1020689	51.830	ug/l	100
79) 2-Chlorotoluene	12.890	91	590341	50.986	ug/l	96
80) 1,3,5-Trimethylbenzene	12.945	105	705967	52.559	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	46862	52.124	ug/l	100
82) 4-Chlorotoluene	12.987	91	615899	51.440	ug/l	100
83) tert-Butylbenzene	13.207	119	608727	53.419	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	706458	52.557	ug/l	99
85) sec-Butylbenzene	13.384	105	921863	52.632	ug/l	100
86) p-Isopropyltoluene	13.499	119	761522	52.761	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	356082	48.997	ug/l	95
88) 1,4-Dichlorobenzene	13.579	146	365903	50.866	ug/l	97
89) n-Butylbenzene	13.823	91	722928	51.164	ug/l	100
90) Hexachloroethane	14.091	117	131990	51.872	ug/l	100
91) 1,2-Dichlorobenzene	13.871	146	333517	52.179	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	24979	50.858	ug/l	93
93) 1,2,4-Trichlorobenzene	15.127	180	221746	51.394	ug/l	98
94) Hexachlorobutadiene	15.231	225	123920	50.768	ug/l	95
95) Naphthalene	15.365	128	431428	54.595	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	194150	51.477	ug/l	98

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

