

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021748.D
 Acq On : 05 Jan 2022 22:08
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2022
 Supervised By :Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 05:56:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:56:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	156489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	242929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	224483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	120579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	64331	46.643	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.280%		
35) Dibromofluoromethane	7.884	113	72730	48.103	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.200%		
50) Toluene-d8	10.323	98	266657	48.729	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.460%		
62) 4-Bromofluorobenzene	12.615	95	95602	47.066	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	13656	44.459	ug/l	97
3) Chloromethane	2.209	50	53544	46.844	ug/l	99
4) Vinyl Chloride	2.355	62	77260	45.195	ug/l	99
5) Bromomethane	2.775	94	52406	29.935	ug/l	99
6) Chloroethane	2.916	64	43215	45.701	ug/l	99
7) Trichlorofluoromethane	3.251	101	49872	43.995	ug/l	99
8) Diethyl Ether	3.684	74	29921	46.726	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.056	101	67661	44.922	ug/l	99
10) Methyl Iodide	4.269	142	100939	47.428	ug/l	98
11) Tert butyl alcohol	5.263	59	9841m	154.645	ug/l	
12) 1,1-Dichloroethene	4.037	96	64566	46.335	ug/l	92
13) Acrolein	3.916	56	11858	185.441	ug/l	99
14) Allyl chloride	4.671	41	73659	43.062	ug/l	95
15) Acrylonitrile	5.379	53	49524	198.076	ug/l	99
16) Acetone	4.165	43	44135	169.464	ug/l	96
17) Carbon Disulfide	4.379	76	148743	43.040	ug/l	98
18) Methyl Acetate	4.690	43	32223	38.310	ug/l	92
19) Methyl tert-butyl Ether	5.434	73	96146	45.240	ug/l	95
20) Methylene Chloride	4.915	84	79074	45.862	ug/l	92
21) trans-1,2-Dichloroethene	5.427	96	72217	45.061	ug/l	90
22) Diisopropyl ether	6.318	45	158725	45.248	ug/l	96
23) Vinyl Acetate	6.257	43	398550	217.316	ug/l #	93
24) 1,1-Dichloroethane	6.220	63	111505	44.635	ug/l	99
25) 2-Butanone	7.183	43	59370	177.579	ug/l #	85
26) 2,2-Dichloropropane	7.171	77	72852	43.184	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	79959	45.596	ug/l	93
28) Bromochloromethane	7.512	49	43764	44.784	ug/l	85
29) Tetrahydrofuran	7.549	42	37943	192.422	ug/l	91
30) Chloroform	7.677	83	126170	44.904	ug/l	97
31) Cyclohexane	7.951	56	100440	41.869	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	111659	45.177	ug/l	98
36) 1,1-Dichloropropene	8.079	75	95150	44.278	ug/l	99
37) Ethyl Acetate	7.262	43	31278	44.111	ug/l	99
38) Carbon Tetrachloride	8.067	117	105982	45.658	ug/l	99
39) Methylcyclohexane	9.335	83	123069	44.954	ug/l	94
40) Benzene	8.323	78	271022	44.347	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	16480	40.562	ug/l #	86
42) 1,2-Dichloroethane	8.403	62	75609	45.320	ug/l	97
43) Isopropyl Acetate	8.427	43	54820	41.403	ug/l #	90
44) Trichloroethene	9.091	130	88328	47.532	ug/l	100
45) 1,2-Dichloropropane	9.372	63	60566	45.231	ug/l	98
46) Dibromomethane	9.457	93	37859	44.980	ug/l	97
47) Bromodichloromethane	9.646	83	87531	45.607	ug/l #	99
48) Methyl methacrylate	9.439	41	25834	41.431	ug/l	89
49) 1,4-Dioxane	9.506	88	8535	859.239	ug/l #	1
51) 4-Methyl-2-Pentanone	10.213	43	143788	204.495	ug/l	95
52) Toluene	10.384	92	182305	45.540	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	79826	45.838	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	96250	46.312	ug/l #	89
55) 1,1,2-Trichloroethane	10.786	97	50093	44.457	ug/l	96
56) Ethyl methacrylate	10.646	69	54921	45.476	ug/l #	86
57) 1,3-Dichloropropane	10.933	76	83358	44.877	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	134127	231.813	ug/l	96
59) 2-Hexanone	10.969	43	100159	206.266	ug/l	93
60) Dibromochloromethane	11.128	129	62984	46.490	ug/l	99
61) 1,2-Dibromoethane	11.231	107	50312	45.093	ug/l	96
64) Tetrachloroethene	10.859	164	78443	50.651	ug/l #	85
65) Chlorobenzene	11.652	112	208888	46.263	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.725	131	72908	46.241	ug/l	97
67) Ethyl Benzene	11.731	91	354707	46.338	ug/l	98
68) m/p-Xylenes	11.835	106	286962	91.298	ug/l	100
69) o-Xylene	12.164	106	138668	46.759	ug/l	93
70) Styrene	12.176	104	226228	47.321	ug/l	97
71) Bromoform	12.353	173	35506	41.646	ug/l #	98
73) Isopropylbenzene	12.463	105	363858	44.137	ug/l	98
74) N-amyl acetate	12.274	43	51590	41.288	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.713	83	53060	43.050	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	39514m	44.304	ug/l	
77) Bromobenzene	12.743	156	90601	45.670	ug/l	87
78) n-propylbenzene	12.804	91	424563	43.540	ug/l	98
79) 2-Chlorotoluene	12.890	91	241592	43.779	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	309319	44.002	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.512	75	12802	40.727	ug/l	97
82) 4-Chlorotoluene	12.987	91	252022	43.896	ug/l	94
83) tert-Butylbenzene	13.200	119	280946	44.283	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	304764	44.282	ug/l	95
85) sec-Butylbenzene	13.383	105	405338	44.013	ug/l	98
86) p-Isopropyltoluene	13.499	119	338496	43.906	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	176683	44.431	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	178812	44.106	ug/l	96
89) n-Butylbenzene	13.822	91	298608	42.715	ug/l	95
90) Hexachloroethane	14.091	117	54383	43.074	ug/l	93
91) 1,2-Dichlorobenzene	13.865	146	156077	43.925	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	7824	40.859	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	99783	44.321	ug/l	98
94) Hexachlorobutadiene	15.231	225	58117	43.436	ug/l	98
95) Naphthalene	15.359	128	170277	45.505	ug/l	100
96) 1,2,3-Trichlorobenzene	15.548	180	82544	43.630	ug/l	97

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

