

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075740.D
 Acq On : 19 Apr 2023 10:27
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

04/20/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Apr 20 05:59:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	200191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	323617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	303774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	150220	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	84789	44.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.240%
35) Dibromofluoromethane	7.804	113	106630	48.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.980%
50) Toluene-d8	10.269	98	423173	48.548	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.575	95	118314	51.067	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	96050	51.637	ug/l	100
3) Chloromethane	2.146	50	143699	42.784	ug/l	98
4) Vinyl Chloride	2.287	62	209345	46.970	ug/l	100
5) Bromomethane	2.693	94	155329	44.635	ug/l	97
6) Chloroethane	2.840	64	133447	44.470	ug/l	100
7) Trichlorofluoromethane	3.181	101	178318	51.636	ug/l	97
8) Diethyl Ether	3.599	74	49081	45.664	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.969	101	119600	55.228	ug/l	94
10) Methyl Iodide	4.163	142	152690	51.519	ug/l	90
11) Tert butyl alcohol	5.052	59	21668	227.211	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	116789	52.085	ug/l	85
13) Acrolein	3.799	56	47309	245.939	ug/l	99
14) Allyl chloride	4.563	41	97446	47.719	ug/l #	79
15) Acrylonitrile	5.258	53	98650	245.734	ug/l	97
16) Acetone	4.022	43	92238	264.963	ug/l #	86
17) Carbon Disulfide	4.275	76	350540	47.773	ug/l	96
18) Methyl Acetate	4.563	43	58196	49.574	ug/l #	71
19) Methyl tert-butyl Ether	5.316	73	206896	47.545	ug/l	98
20) Methylene Chloride	4.799	84	140709	52.484	ug/l #	74
21) trans-1,2-Dichloroethene	5.316	96	136600	51.152	ug/l #	71
22) Diisopropyl ether	6.216	45	239113	51.819	ug/l #	88
23) Vinyl Acetate	6.157	43	554568	258.744	ug/l #	84
24) 1,1-Dichloroethane	6.116	63	190868	49.918	ug/l	93
25) 2-Butanone	7.081	43	115848	258.464	ug/l #	68
26) 2,2-Dichloropropane	7.081	77	169085	48.777	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	146212	49.425	ug/l	81
28) Bromochloromethane	7.428	49	55905	46.253	ug/l #	48
29) Tetrahydrofuran	7.446	42	60697	247.630	ug/l #	54
30) Chloroform	7.599	83	214371	49.455	ug/l	97
31) Cyclohexane	7.881	56	153543	51.492	ug/l #	79
32) 1,1,1-Trichloroethane	7.793	97	183761	51.991	ug/l	95
36) 1,1-Dichloropropene	8.004	75	164930	54.924	ug/l	92
37) Ethyl Acetate	7.169	43	44822	49.048	ug/l #	79
38) Carbon Tetrachloride	7.993	117	150682	56.983	ug/l	97
39) Methylcyclohexane	9.275	83	206829	59.565	ug/l	91
40) Benzene	8.251	78	503597	53.947	ug/l	99

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41) Methacrylonitrile	7.404	41	25355	57.817	ug/l	#	67
42) 1,2-Dichloroethane	8.328	62	111002	52.351	ug/l		88
43) Isopropyl Acetate	8.363	43	86238	51.751	ug/l	#	80
44) Trichloroethene	9.028	130	140408	53.146	ug/l		90
45) 1,2-Dichloropropane	9.304	63	113312	54.166	ug/l		93
46) Dibromomethane	9.393	93	68973	51.972	ug/l		97
47) Bromodichloromethane	9.587	83	160434	52.849	ug/l		96
48) Methyl methacrylate	9.381	41	39723	53.505	ug/l	#	57
49) 1,4-Dioxane	9.381	88	13570	1030.618	ug/l	#	70
51) 4-Methyl-2-Pentanone	10.157	43	227874	256.474	ug/l	#	77
52) Toluene	10.334	92	327479	52.757	ug/l		96
53) t-1,3-Dichloropropene	10.551	75	143906	49.451	ug/l		96
54) cis-1,3-Dichloropropene	10.016	75	175961	50.891	ug/l	#	74
55) 1,1,2-Trichloroethane	10.734	97	98291	51.152	ug/l		92
56) Ethyl methacrylate	10.598	69	97091	51.343	ug/l	#	66
57) 1,3-Dichloropropane	10.881	76	149394	51.212	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	206902	254.763	ug/l	#	87
59) 2-Hexanone	10.922	43	171754	274.933	ug/l		74
60) Dibromochloromethane	11.075	129	112886	50.205	ug/l		98
61) 1,2-Dibromoethane	11.181	107	90435	49.337	ug/l		99
64) Tetrachloroethene	10.810	164	116972	53.467	ug/l		94
65) Chlorobenzene	11.610	112	347699	53.439	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	119970	53.634	ug/l		96
67) Ethyl Benzene	11.687	91	601640	56.976	ug/l		95
68) m/p-Xylenes	11.792	106	509214	117.668	ug/l		88
69) o-Xylene	12.122	106	229359	58.613	ug/l		90
70) Styrene	12.134	104	389311	54.132	ug/l		93
71) Bromoform	12.304	173	65071	55.650	ug/l	#	96
73) Isopropylbenzene	12.422	105	583283	59.163	ug/l		97
74) N-amyl acetate	12.234	43	76721	52.958	ug/l	#	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	102109	53.316	ug/l		98
76) 1,2,3-Trichloropropane	12.728	75	70980m	57.941	ug/l		
77) Bromobenzene	12.704	156	139090	54.724	ug/l		88
78) n-propylbenzene	12.763	91	714750	59.145	ug/l		97
79) 2-Chlorotoluene	12.851	91	376682	54.956	ug/l		91
80) 1,3,5-Trimethylbenzene	12.904	105	481693	58.608	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.475	75	29680	52.512	ug/l	#	74
82) 4-Chlorotoluene	12.951	91	388503	54.511	ug/l		91
83) tert-Butylbenzene	13.169	119	409808	59.135	ug/l		93
84) 1,2,4-Trimethylbenzene	13.216	105	477733	57.927	ug/l		94
85) sec-Butylbenzene	13.345	105	640083	59.871	ug/l		98
86) p-Isopropyltoluene	13.463	119	530744	59.633	ug/l		95
87) 1,3-Dichlorobenzene	13.457	146	287825	54.434	ug/l		97
88) 1,4-Dichlorobenzene	13.539	146	281806	53.946	ug/l		96
89) n-Butylbenzene	13.792	91	482993	58.913	ug/l		98
90) Hexachloroethane	14.057	117	97810	55.311	ug/l		98
91) 1,2-Dichlorobenzene	13.834	146	244030	53.876	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13065	50.889	ug/l		74
93) 1,2,4-Trichlorobenzene	15.104	180	136361	51.747	ug/l		96
94) Hexachlorobutadiene	15.204	225	68461	54.355	ug/l		98
95) Naphthalene	15.333	128	264842	53.050	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	120360	51.893	ug/l		98

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

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