

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
 Data File : VD072719.D
 Acq On : 28 Apr 2022 11:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 29 01:20:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	360222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	608021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	584875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	229668	48.022	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.040%		
35) Dibromofluoromethane	7.908	113	209439	51.725	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.440%		
50) Toluene-d8	10.332	98	776698	53.207	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.420%		
62) 4-Bromofluorobenzene	12.620	95	284320	51.644	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	237585	48.397	ug/l	100
3) Chloromethane	2.209	50	258387	46.607	ug/l	94
4) Vinyl Chloride	2.350	62	239373	47.885	ug/l	99
5) Bromomethane	2.762	94	153672	47.590	ug/l	92
6) Chloroethane	2.920	64	143217	47.220	ug/l	99
7) Trichlorofluoromethane	3.273	101	397463	49.709	ug/l	94
8) Diethyl Ether	3.709	74	111041	46.864	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	229233	50.286	ug/l	98
10) Methyl Iodide	4.297	142	254390	47.619	ug/l	99
11) Tert butyl alcohol	5.203	59	107507	363.613	ug/l #	94
12) 1,1-Dichloroethene	4.073	96	216115	50.654	ug/l	87
13) Acrolein	3.920	56	95351	235.434	ug/l	99
14) Allyl chloride	4.709	41	363296	50.293	ug/l	95
15) Acrylonitrile	5.420	53	263986	239.038	ug/l	98
16) Acetone	4.150	43	247636	264.211	ug/l	95
17) Carbon Disulfide	4.409	76	711054	49.617	ug/l	99
18) Methyl Acetate	4.714	43	125377	46.424	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	518104	48.450	ug/l	98
20) Methylene Chloride	4.956	84	258567	35.978	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	244543	48.546	ug/l	96
22) Diisopropyl ether	6.361	45	765268	49.092	ug/l	93
23) Vinyl Acetate	6.297	43	2185338	248.268	ug/l	97
24) 1,1-Dichloroethane	6.256	63	439870	47.854	ug/l	99
25) 2-Butanone	7.203	43	348738	249.336	ug/l	97
26) 2,2-Dichloropropane	7.203	77	380347	50.161	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	274418	49.162	ug/l	94
28) Bromochloromethane	7.538	49	174990	48.883	ug/l	90
29) Tetrahydrofuran	7.556	42	212779	241.752	ug/l	93
30) Chloroform	7.703	83	456619	48.068	ug/l	100
31) Cyclohexane	7.979	56	412076	49.629	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	404854	50.296	ug/l	97
36) 1,1-Dichloropropene	8.108	75	351806	51.857	ug/l	98
37) Ethyl Acetate	7.291	43	153109	49.556	ug/l	97
38) Carbon Tetrachloride	8.091	117	354027	51.634	ug/l	97
39) Methylcyclohexane	9.350	83	420459	53.522	ug/l	99
40) Benzene	8.344	78	975167	50.487	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	94760	53.459	ug/l	95
42) 1,2-Dichloroethane	8.414	62	292865	48.109	ug/l	99
43) Isopropyl Acetate	8.444	43	294215	50.113	ug/l	96
44) Trichloroethene	9.108	130	257239	50.340	ug/l	97
45) 1,2-Dichloropropane	9.379	63	244652	48.976	ug/l	98
46) Dibromomethane	9.467	93	136887	48.382	ug/l	98
47) Bromodichloromethane	9.655	83	352416	49.005	ug/l	98
48) Methyl methacrylate	9.450	41	151405	51.410	ug/l	95
49) 1,4-Dioxane	9.455	88	32269	1033.389	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	744705	246.815	ug/l	95
52) Toluene	10.397	92	620718	51.441	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	336975	50.776	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	391534	50.581	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	181561	47.674	ug/l	97
56) Ethyl methacrylate	10.655	69	236300	52.953	ug/l	89
57) 1,3-Dichloropropane	10.938	76	318657	49.051	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	620499	263.726	ug/l	97
59) 2-Hexanone	10.973	43	535325	264.601	ug/l	96
60) Dibromochloromethane	11.132	129	228325	48.832	ug/l	99
61) 1,2-Dibromoethane	11.238	107	182417	50.479	ug/l	99
64) Tetrachloroethene	10.867	164	203408	50.707	ug/l	95
65) Chlorobenzene	11.661	112	641181	49.662	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	239209	49.427	ug/l	98
67) Ethyl Benzene	11.738	91	1184049	52.234	ug/l	99
68) m/p-Xylenes	11.844	106	896744	103.741	ug/l	98
69) o-Xylene	12.173	106	419789	51.388	ug/l	98
70) Styrene	12.185	104	737126	53.020	ug/l	97
71) Bromoform	12.349	173	124146	47.788	ug/l #	98
73) Isopropylbenzene	12.467	105	1106699	53.945	ug/l	100
74) N-amyl acetate	12.279	43	273743	51.650	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	202602	49.277	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	153573m	50.308	ug/l	
77) Bromobenzene	12.749	156	247171	50.599	ug/l	98
78) n-propylbenzene	12.808	91	1387050	54.097	ug/l	100
79) 2-Chlorotoluene	12.896	91	783510	52.219	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	935170	53.916	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	66173	50.771	ug/l	93
82) 4-Chlorotoluene	12.996	91	830211	52.565	ug/l	99
83) tert-Butylbenzene	13.208	119	791052	54.524	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	922555	53.266	ug/l	99
85) sec-Butylbenzene	13.390	105	1187969	54.203	ug/l	100
86) p-Isopropyltoluene	13.502	119	968415	53.983	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	483463	50.305	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	480979	50.171	ug/l	99
89) n-Butylbenzene	13.832	91	947835	54.306	ug/l	100
90) Hexachloroethane	14.096	117	190679	53.002	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	425091	50.416	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	34132	50.570	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	256063	52.275	ug/l	100
94) Hexachlorobutadiene	15.249	225	135257	52.006	ug/l	98
95) Naphthalene	15.384	128	487091	52.808	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	225310	52.186	ug/l	99

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

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