

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073340.D
 Acq On : 24 May 2022 23:57
 Operator : VA/SY
 Sample : VD0524SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS02

Quant Time: May 25 05:31:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	295629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	510482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	498396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	190468	58.298	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.600%			
35) Dibromofluoromethane	7.908	113	197681	58.685	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.380%			
50) Toluene-d8	10.332	98	708415	57.051	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.100%			
62) 4-Bromofluorobenzene	12.620	95	255403	58.610	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	62599	21.191	ug/l	100
3) Chloromethane	2.209	50	64541	19.322	ug/l	100
4) Vinyl Chloride	2.344	62	58898	19.283	ug/l	98
5) Bromomethane	2.750	94	45499	20.886	ug/l	96
6) Chloroethane	2.909	64	38445	20.475	ug/l	99
7) Trichlorofluoromethane	3.261	101	113421	21.001	ug/l	100
8) Diethyl Ether	3.709	74	32541	21.927	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.085	101	67921	21.077	ug/l	96
10) Methyl Iodide	4.297	142	61145	17.587	ug/l	98
11) Tert butyl alcohol	5.208	59	31598	62.337	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	61710	20.771	ug/l	87
13) Acrolein	3.920	56	24827	114.397	ug/l	100
14) Allyl chloride	4.708	41	97103	20.248	ug/l	91
15) Acrylonitrile	5.420	53	77046	113.531	ug/l	96
16) Acetone	4.156	43	59471	105.091	ug/l	95
17) Carbon Disulfide	4.403	76	180062	18.282	ug/l	98
18) Methyl Acetate	4.714	43	40607	25.805	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	148002	21.867	ug/l	100
20) Methylene Chloride	4.956	84	111681	29.475	ug/l #	84
21) trans-1,2-Dichloroethene	5.467	96	72808	20.268	ug/l	88
22) Diisopropyl ether	6.361	45	222025	22.085	ug/l #	93
23) Vinyl Acetate	6.303	43	576111	107.436	ug/l #	95
24) 1,1-Dichloroethane	6.255	63	138814	21.512	ug/l	97
25) 2-Butanone	7.208	43	90291	109.056	ug/l #	88
26) 2,2-Dichloropropane	7.197	77	103899	18.880	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	84253	21.197	ug/l	88
28) Bromochloromethane	7.544	49	45530	20.480	ug/l #	78
29) Tetrahydrofuran	7.555	42	59381	110.919	ug/l	90
30) Chloroform	7.702	83	148698	22.073	ug/l	99
31) Cyclohexane	7.979	56	108194	18.950	ug/l #	95
32) 1,1,1-Trichloroethane	7.897	97	124898	21.197	ug/l	96
36) 1,1-Dichloropropene	8.108	75	103521	20.434	ug/l	96
37) Ethyl Acetate	7.285	43	48432	24.203	ug/l	98
38) Carbon Tetrachloride	8.091	117	108641	21.155	ug/l	93
39) Methylcyclohexane	9.349	83	105697	18.721	ug/l	99
40) Benzene	8.344	78	311998	21.369	ug/l	99

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41) Methacrylonitrile	7.508	41	17975	15.417	ug/l #	61
42) 1,2-Dichloroethane	8.414	62	88770	21.850	ug/l	96
43) Isopropyl Acetate	8.449	43	82711	22.362	ug/l #	92
44) Trichloroethene	9.108	130	86008	22.090	ug/l	86
45) 1,2-Dichloropropane	9.379	63	80996	22.028	ug/l	95
46) Dibromomethane	9.467	93	45419	22.490	ug/l	97
47) Bromodichloromethane	9.655	83	114502	22.159	ug/l	94
48) Methyl methacrylate	9.449	41	37166	19.972	ug/l #	83
49) 1,4-Dioxane	9.455	88	9765	468.226	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	221960	115.540	ug/l	94
52) Toluene	10.396	92	200292	21.708	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	100756	21.583	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	119654	21.419	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	63586	23.284	ug/l	93
56) Ethyl methacrylate	10.655	69	66559	21.921	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	103022	22.483	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	133630	106.243	ug/l	96
59) 2-Hexanone	10.973	43	145951	115.236	ug/l	96
60) Dibromochloromethane	11.132	129	76857	22.570	ug/l	100
61) 1,2-Dibromoethane	11.238	107	60452	23.166	ug/l	99
64) Tetrachloroethene	10.867	164	69084	21.163	ug/l	98
65) Chlorobenzene	11.661	112	215130	21.041	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	81717	21.550	ug/l	99
67) Ethyl Benzene	11.738	91	370466	20.640	ug/l	99
68) m/p-Xylenes	11.843	106	294378	42.215	ug/l	99
69) o-Xylene	12.173	106	133076	20.773	ug/l	98
70) Styrene	12.185	104	238003	21.594	ug/l	96
71) Bromoform	12.349	173	45271	23.197	ug/l #	99
73) Isopropylbenzene	12.467	105	351546	19.815	ug/l	99
74) N-amyl acetate	12.279	43	79186	20.460	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	72941	22.292	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	50961m	20.871	ug/l	
77) Bromobenzene	12.749	156	87184	20.876	ug/l	94
78) n-propylbenzene	12.808	91	453428	20.358	ug/l	99
79) 2-Chlorotoluene	12.896	91	262303	20.397	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	311299	20.714	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	20553	20.207	ug/l	94
82) 4-Chlorotoluene	12.990	91	286549	21.259	ug/l	100
83) tert-Butylbenzene	13.208	119	258935	20.443	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	311150	20.958	ug/l	98
85) sec-Butylbenzene	13.390	105	393534	20.348	ug/l	100
86) p-Isopropyltoluene	13.502	119	323034	20.490	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	182305	21.657	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	176791	20.805	ug/l	99
89) n-Butylbenzene	13.826	91	293471	19.537	ug/l	100
90) Hexachloroethane	14.096	117	68544	21.013	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	157674	21.649	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11413	22.777	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	88256	21.344	ug/l	98
94) Hexachlorobutadiene	15.243	225	49213	21.120	ug/l	95
95) Naphthalene	15.379	128	146268	20.230	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	76960	20.994	ug/l	98

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

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