

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074383.D
 Acq On : 21 Sep 2022 12:25
 Operator : VA/SY
 Sample : VD0921SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 05:11:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	87129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	151150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	136861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	67438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45983	54.184	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.360%			
35) Dibromofluoromethane	7.805	113	45929	46.137	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.280%			
50) Toluene-d8	10.269	98	191894	55.866	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.740%			
62) 4-Bromofluorobenzene	12.569	95	58302	50.094	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	15530	19.349	ug/l	97
3) Chloromethane	2.140	50	26434	34.632	ug/l	98
4) Vinyl Chloride	2.281	62	14457	19.299	ug/l	93
5) Bromomethane	2.675	94	4728	10.209	ug/l	99
6) Chloroethane	2.828	64	9039	20.538	ug/l	97
7) Trichlorofluoromethane	3.169	101	29172	19.984	ug/l	92
8) Diethyl Ether	3.587	74	9586	20.601	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.952	101	19386	21.121	ug/l	98
10) Methyl Iodide	4.158	142	10536	9.293	ug/l #	96
11) Tert butyl alcohol	5.028	59	12457m	217.204	ug/l	
12) 1,1-Dichloroethene	3.934	96	18984	20.318	ug/l	90
13) Acrolein	3.793	56	5609	90.686	ug/l	96
14) Allyl chloride	4.563	41	28583	21.138	ug/l	99
15) Acrylonitrile	5.252	53	23361	113.899	ug/l	98
16) Acetone	4.016	43	18158	94.972	ug/l #	87
17) Carbon Disulfide	4.258	76	56464	18.560	ug/l	98
18) Methyl Acetate	4.558	43	12924	24.006	ug/l #	71
19) Methyl tert-butyl Ether	5.311	73	44037	22.009	ug/l	98
20) Methylene Chloride	4.799	84	26292	16.046	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	22106	21.368	ug/l	95
22) Diisopropyl ether	6.210	45	65022	22.830	ug/l	97
23) Vinyl Acetate	6.152	43	143940m	108.090	ug/l	
24) 1,1-Dichloroethane	6.110	63	40544	22.117	ug/l	99
25) 2-Butanone	7.075	43	28788	101.091	ug/l	99
26) 2,2-Dichloropropane	7.075	77	33192	21.934	ug/l	100
27) cis-1,2-Dichloroethene	7.069	96	24870	21.698	ug/l	97
28) Bromochloromethane	7.428	49	14338	20.256	ug/l	95
29) Tetrahydrofuran	7.440	42	17072	104.608	ug/l	99
30) Chloroform	7.587	83	39316	21.811	ug/l	88
31) Cyclohexane	7.869	56	36006	20.230	ug/l #	94
32) 1,1,1-Trichloroethane	7.793	97	34571	21.741	ug/l	100
36) 1,1-Dichloropropene	8.004	75	31639	20.821	ug/l	98
37) Ethyl Acetate	7.163	43	12854	21.114	ug/l #	78
38) Carbon Tetrachloride	7.993	117	24094	17.892	ug/l	91
39) Methylcyclohexane	9.275	83	36917	20.085	ug/l	97
40) Benzene	8.246	78	88837	20.850	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	7311	22.125	ug/l	92
42) 1,2-Dichloroethane	8.322	62	23556	21.647	ug/l	97
43) Isopropyl Acetate	8.363	43	24419	21.741	ug/l	99
44) Trichloroethene	9.028	130	23224	20.732	ug/l	94
45) 1,2-Dichloropropane	9.304	63	22262	20.775	ug/l	97
46) Dibromomethane	9.393	93	11298	20.498	ug/l	96
47) Bromodichloromethane	9.581	83	28959	21.331	ug/l	95
48) Methyl methacrylate	9.375	41	11366	20.912	ug/l	99
49) 1,4-Dioxane	9.381	88	2704	448.277	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	63725	107.990	ug/l	97
52) Toluene	10.328	92	56536	21.542	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	27461	22.672	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	33298	21.248	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	16093	22.165	ug/l	95
56) Ethyl methacrylate	10.593	69	20500	21.554	ug/l	97
57) 1,3-Dichloropropane	10.881	76	28316	21.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	11767	68.728	ug/l	94
59) 2-Hexanone	10.916	43	42921	103.986	ug/l	99
60) Dibromochloromethane	11.069	129	17938	20.631	ug/l	100
61) 1,2-Dibromoethane	11.175	107	14680	21.054	ug/l	97
64) Tetrachloroethene	10.810	164	20795	22.416	ug/l #	89
65) Chlorobenzene	11.604	112	57623	20.437	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	20392	21.061	ug/l	97
67) Ethyl Benzene	11.681	91	108701	21.014	ug/l	100
68) m/p-Xylenes	11.787	106	83705	42.245	ug/l	98
69) o-Xylene	12.116	106	40630	22.438	ug/l	95
70) Styrene	12.134	104	67201	21.791	ug/l	100
71) Bromoform	12.293	173	10705	20.604	ug/l #	98
73) Isopropylbenzene	12.416	105	104401	20.129	ug/l	99
74) N-amyl acetate	12.228	43	23554	20.548	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	19140	21.239	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	13447m	21.551	ug/l	
77) Bromobenzene	12.692	156	23031	20.320	ug/l	95
78) n-propylbenzene	12.757	91	131254	20.400	ug/l	98
79) 2-Chlorotoluene	12.845	91	69589	20.509	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	86244	20.335	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	4788	19.232	ug/l #	100
82) 4-Chlorotoluene	12.940	91	72843	20.701	ug/l	99
83) tert-Butylbenzene	13.157	119	76063	20.225	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	85862	20.578	ug/l	99
85) sec-Butylbenzene	13.339	105	114945	20.596	ug/l	100
86) p-Isopropyltoluene	13.457	119	95069	20.383	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	46012	19.750	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	47406	20.820	ug/l	99
89) n-Butylbenzene	13.781	91	93526	20.473	ug/l	99
90) Hexachloroethane	14.051	117	14172	16.099	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	40615	20.676	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	2499	18.655	ug/l	92
93) 1,2,4-Trichlorobenzene	15.092	180	27023	20.393	ug/l	98
94) Hexachlorobutadiene	15.198	225	15272	20.286	ug/l	99
95) Naphthalene	15.322	128	50222	20.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	22989	20.186	ug/l	98

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

