

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
 Data File : VD074253.D
 Acq On : 12 Sep 2022 13:23
 Operator : VA/SY
 Sample : VD0912SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0912SBS01

Quant Time: Sep 13 04:41:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/13/2022
 Supervised By :Mahesh Dadoda 09/13/2022

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	114595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	189767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.569	117	174040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	83234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	59172	50.647	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.300%		
35) Dibromofluoromethane	7.805	113	62518	49.175	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.340%		
50) Toluene-d8	10.263	98	244512	52.563	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.120%		
62) 4-Bromofluorobenzene	12.563	95	77649	47.441	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	23770	24.991	ug/l	90
3) Chloromethane	2.140	50	20024	23.375	ug/l	96
4) Vinyl Chloride	2.276	62	16782	22.997	ug/l	91
5) Bromomethane	2.664	94	10234	26.631	ug/l	98
6) Chloroethane	2.823	64	10263	23.617	ug/l	97
7) Trichlorofluoromethane	3.158	101	43512	21.431	ug/l	99
8) Diethyl Ether	3.587	74	14022	21.406	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.952	101	28815	22.058	ug/l	99
10) Methyl Iodide	4.158	142	30902	19.850	ug/l	98
11) Tert butyl alcohol	5.064	59	9470	99.386	ug/l #	82
12) 1,1-Dichloroethene	3.922	96	28274	22.422	ug/l	99
13) Acrolein	3.793	56	10027	99.002	ug/l	100
14) Allyl chloride	4.558	41	41807	21.362	ug/l	100
15) Acrylonitrile	5.258	53	32620	106.807	ug/l	99
16) Acetone	4.022	43	26453	109.694	ug/l	95
17) Carbon Disulfide	4.258	76	83285	22.895	ug/l	98
18) Methyl Acetate	4.564	43	18223	22.587	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	64433	21.093	ug/l	93
20) Methylene Chloride	4.793	84	40532	24.502	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	30372	21.350	ug/l	88
22) Diisopropyl ether	6.216	45	87850	21.153	ug/l	93
23) Vinyl Acetate	6.152	43	199394m	101.673	ug/l	
24) 1,1-Dichloroethane	6.105	63	54992	21.435	ug/l	97
25) 2-Butanone	7.081	43	41796	103.918	ug/l	98
26) 2,2-Dichloropropane	7.075	77	44756	19.968	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	34537	21.248	ug/l	96
28) Bromochloromethane	7.422	49	13478	17.106	ug/l	99
29) Tetrahydrofuran	7.440	42	26440	106.631	ug/l	98
30) Chloroform	7.593	83	55654	21.856	ug/l	87
31) Cyclohexane	7.869	56	52507	21.747	ug/l	99
32) 1,1,1-Trichloroethane	7.787	97	48337	21.635	ug/l	98
36) 1,1-Dichloropropene	7.999	75	43902	21.374	ug/l	99
37) Ethyl Acetate	7.164	43	19411	21.793	ug/l	97
38) Carbon Tetrachloride	7.987	117	40019	21.535	ug/l	97
39) Methylcyclohexane	9.269	83	54004	21.240	ug/l	97
40) Benzene	8.246	78	121205	21.323	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	9721	19.594	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	32722	21.783	ug/l	97
43) Isopropyl Acetate	8.352	43	34829	20.244	ug/l	98
44) Trichloroethene	9.022	130	34015	21.558	ug/l	98
45) 1,2-Dichloropropane	9.299	63	30642	20.741	ug/l	97
46) Dibromomethane	9.393	93	16093	20.981	ug/l	98
47) Bromodichloromethane	9.581	83	40782	21.133	ug/l	98
48) Methyl methacrylate	9.375	41	17385	21.394	ug/l	98
49) 1,4-Dioxane	9.387	88	4009	441.364	ug/l	96
51) 4-Methyl-2-Pentanone	10.152	43	91885	105.667	ug/l	99
52) Toluene	10.328	92	78450	21.517	ug/l	99
53) t-1,3-Dichloropropene	10.546	75	36607	20.124	ug/l	92
54) cis-1,3-Dichloropropene	10.010	75	46751	20.860	ug/l	97
55) 1,1,2-Trichloroethane	10.722	97	22978	21.671	ug/l	94
56) Ethyl methacrylate	10.593	69	30193	21.432	ug/l	99
57) 1,3-Dichloropropane	10.875	76	39514	21.116	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.863	63	30612	112.490	ug/l	98
59) 2-Hexanone	10.910	43	63787	108.023	ug/l	99
60) Dibromochloromethane	11.069	129	27575	21.356	ug/l	98
61) 1,2-Dibromoethane	11.175	107	21990	21.790	ug/l	99
64) Tetrachloroethene	10.799	164	27608	20.747	ug/l	86
65) Chlorobenzene	11.599	112	81620	20.861	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.669	131	28522	20.354	ug/l	99
67) Ethyl Benzene	11.675	91	150387	20.577	ug/l	100
68) m/p-Xylenes	11.787	106	115150	41.513	ug/l	98
69) o-Xylene	12.110	106	54289	20.709	ug/l	97
70) Styrene	12.122	104	91935	21.027	ug/l	99
71) Bromoform	12.287	173	16825	21.567	ug/l #	99
73) Isopropylbenzene	12.410	105	145590	20.674	ug/l	100
74) N-amyl acetate	12.222	43	34197	20.621	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.663	83	26601	20.745	ug/l	98
76) 1,2,3-Trichloropropane	12.710	75	17103m	20.044	ug/l	
77) Bromobenzene	12.687	156	32761	21.199	ug/l	98
78) n-propylbenzene	12.751	91	178823	20.708	ug/l	99
79) 2-Chlorotoluene	12.834	91	99161	21.228	ug/l	100
80) 1,3,5-Trimethylbenzene	12.893	105	122190	20.943	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.457	75	6805	19.663	ug/l #	100
82) 4-Chlorotoluene	12.934	91	99463	20.914	ug/l	97
83) tert-Butylbenzene	13.151	119	101970	19.968	ug/l	96
84) 1,2,4-Trimethylbenzene	13.198	105	119904	21.169	ug/l	99
85) sec-Butylbenzene	13.328	105	159123	20.570	ug/l	99
86) p-Isopropyltoluene	13.446	119	134098	21.223	ug/l	100
87) 1,3-Dichlorobenzene	13.446	146	66320	21.042	ug/l	99
88) 1,4-Dichlorobenzene	13.522	146	65336	21.080	ug/l	99
89) n-Butylbenzene	13.769	91	130213	21.089	ug/l	100
90) Hexachloroethane	14.040	117	25232	21.829	ug/l	99
91) 1,2-Dichlorobenzene	13.816	146	57048	20.813	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.428	75	3733	20.718	ug/l	92
93) 1,2,4-Trichlorobenzene	15.081	180	39175	20.676	ug/l	97
94) Hexachlorobutadiene	15.181	225	23056	21.295	ug/l	95
95) Naphthalene	15.310	128	72537	20.489	ug/l	99
96) 1,2,3-Trichlorobenzene	15.504	180	33534	20.617	ug/l	99

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

