

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074461.D
 Acq On : 06 Oct 2022 12:54
 Operator : VA/SY
 Sample : VD1006SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

Quant Time: Oct 07 01:25:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	102773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	177126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	161611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	74222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	47651	52.186	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.380%			
35) Dibromofluoromethane	7.805	113	56569	48.433	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.860%			
50) Toluene-d8	10.269	98	227211	53.140	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.280%			
62) 4-Bromofluorobenzene	12.569	95	65322	49.484	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	15525	17.116	ug/l	94
3) Chloromethane	2.140	50	24163	19.309	ug/l	91
4) Vinyl Chloride	2.281	62	21256	19.567	ug/l	98
5) Bromomethane	2.675	94	14829	23.329	ug/l	95
6) Chloroethane	2.828	64	14250	19.917	ug/l	99
7) Trichlorofluoromethane	3.169	101	34418	19.350	ug/l	94
8) Diethyl Ether	3.587	74	11227	20.411	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	22660	19.712	ug/l	97
10) Methyl Iodide	4.164	142	20889	17.730	ug/l	99
11) Tert butyl alcohol	5.040	59	9958	50.848	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	23353	19.281	ug/l	97
13) Acrolein	3.793	56	6585	109.304	ug/l	100
14) Allyl chloride	4.558	41	27576	19.890	ug/l	97
15) Acrylonitrile	5.252	53	21797	99.664	ug/l	99
16) Acetone	4.022	43	18495	84.099	ug/l	95
17) Carbon Disulfide	4.269	76	75412	19.729	ug/l	99
18) Methyl Acetate	4.558	43	10956	19.751	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	48355	20.258	ug/l	99
20) Methylene Chloride	4.799	84	31395	19.087	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	27490	20.521	ug/l	93
22) Diisopropyl ether	6.216	45	58191	20.594	ug/l	95
23) Vinyl Acetate	6.158	43	119485m	91.917	ug/l	
24) 1,1-Dichloroethane	6.105	63	43273	21.101	ug/l	96
25) 2-Butanone	7.087	43	24381	93.088	ug/l	100
26) 2,2-Dichloropropane	7.075	77	37352	20.617	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	29526	20.837	ug/l	98
28) Bromochloromethane	7.422	49	13105	21.647	ug/l	88
29) Tetrahydrofuran	7.440	42	14679	100.180	ug/l	92
30) Chloroform	7.593	83	44354	20.931	ug/l	92
31) Cyclohexane	7.875	56	35221	19.204	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	37540	20.055	ug/l	97
36) 1,1-Dichloropropene	8.010	75	33010	20.135	ug/l	97
37) Ethyl Acetate	7.169	43	11412	21.199	ug/l #	79
38) Carbon Tetrachloride	7.993	117	28760	19.796	ug/l	98
39) Methylcyclohexane	9.275	83	38510	19.156	ug/l	97
40) Benzene	8.252	78	95145	19.983	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	6287	21.342	ug/l	91
42) 1,2-Dichloroethane	8.322	62	22278	19.764	ug/l	99
43) Isopropyl Acetate	8.357	43	19814	19.300	ug/l	97
44) Trichloroethene	9.028	130	26810	20.039	ug/l	96
45) 1,2-Dichloropropane	9.304	63	22270	20.145	ug/l	91
46) Dibromomethane	9.393	93	12678	20.708	ug/l	89
47) Bromodichloromethane	9.581	83	29886	19.546	ug/l	97
48) Methyl methacrylate	9.375	41	8965	18.760	ug/l	95
49) 1,4-Dioxane	9.387	88	2659	407.805	ug/l #	94
51) 4-Methyl-2-Pentanone	10.157	43	50643	99.239	ug/l	94
52) Toluene	10.334	92	62021	20.609	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	27261	19.533	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	34631	20.140	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	17669	20.525	ug/l	94
56) Ethyl methacrylate	10.598	69	18897	19.513	ug/l	93
57) 1,3-Dichloropropane	10.875	76	28640	20.645	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	13669	79.226	ug/l	95
59) 2-Hexanone	10.916	43	34616	98.914	ug/l	96
60) Dibromochloromethane	11.069	129	20269	20.205	ug/l	99
61) 1,2-Dibromoethane	11.175	107	15984	20.093	ug/l	99
64) Tetrachloroethene	10.810	164	22286	19.876	ug/l	92
65) Chlorobenzene	11.604	112	66941	20.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	21974	20.224	ug/l	96
67) Ethyl Benzene	11.681	91	120810	20.753	ug/l	96
68) m/p-Xylenes	11.787	106	95089	41.566	ug/l	97
69) o-Xylene	12.116	106	42572	20.254	ug/l	99
70) Styrene	12.134	104	75354	20.924	ug/l	99
71) Bromoform	12.298	173	11398	19.952	ug/l #	96
73) Isopropylbenzene	12.416	105	114922	21.054	ug/l	100
74) N-amyl acetate	12.228	43	18822	20.163	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	18167	20.021	ug/l	99
76) 1,2,3-Trichloropropane	12.716	75	12569m	22.060	ug/l	
77) Bromobenzene	12.698	156	25728	20.732	ug/l	94
78) n-propylbenzene	12.757	91	141803	21.264	ug/l	97
79) 2-Chlorotoluene	12.845	91	75587	21.281	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	94933	21.052	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	4751	18.605	ug/l	99
82) 4-Chlorotoluene	12.945	91	78526	21.655	ug/l	97
83) tert-Butylbenzene	13.163	119	80385	20.717	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	93885	21.188	ug/l	97
85) sec-Butylbenzene	13.339	105	125450	20.988	ug/l	100
86) p-Isopropyltoluene	13.457	119	102983	20.886	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	52186	20.779	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	52703	21.081	ug/l	98
89) n-Butylbenzene	13.781	91	99053	21.448	ug/l	97
90) Hexachloroethane	14.045	117	17996	20.574	ug/l	92
91) 1,2-Dichlorobenzene	13.822	146	46582	21.807	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.439	75	2593	19.509	ug/l	87
93) 1,2,4-Trichlorobenzene	15.092	180	28730	20.726	ug/l	99
94) Hexachlorobutadiene	15.198	225	15019	20.784	ug/l	99
95) Naphthalene	15.322	128	51246	19.376	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	24506	20.410	ug/l	98

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

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