

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074710.D
 Acq On : 03 Nov 2022 12:32
 Operator : VA/SY
 Sample : VD1103SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1103SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 00:01:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	145618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	245675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57102	49.511	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.020%		
35) Dibromofluoromethane	7.804	113	69286	47.676	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.360%		
50) Toluene-d8	10.269	98	253634	47.846	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.700%		
62) 4-Bromofluorobenzene	12.575	95	73109	47.765	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	24461	20.453	ug/l	93
3) Chloromethane	2.146	50	35251	18.470	ug/l	93
4) Vinyl Chloride	2.281	62	41637	19.894	ug/l	96
5) Bromomethane	2.675	94	34951	22.040	ug/l	94
6) Chloroethane	2.828	64	28538	19.672	ug/l	97
7) Trichlorofluoromethane	3.169	101	49145	20.212	ug/l	98
8) Diethyl Ether	3.587	74	13578	19.115	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	30138	19.512	ug/l	99
10) Methyl Iodide	4.158	142	30380	19.036	ug/l	99
11) Tert butyl alcohol	5.034	59	17922	102.210	ug/l #	88
12) 1,1-Dichloroethene	3.934	96	30874	19.680	ug/l	99
13) Acrolein	3.793	56	9045	113.950	ug/l	97
14) Allyl chloride	4.552	41	32876	19.807	ug/l	99
15) Acrylonitrile	5.252	53	27988	99.711	ug/l	97
16) Acetone	4.022	43	21079	87.582	ug/l	93
17) Carbon Disulfide	4.269	76	90845	19.204	ug/l	96
18) Methyl Acetate	4.563	43	14908	20.483	ug/l	99
19) Methyl tert-butyl Ether	5.310	73	59599	19.976	ug/l	95
20) Methylene Chloride	4.793	84	52624	18.692	ug/l	93
21) trans-1,2-Dichloroethene	5.310	96	34477	19.996	ug/l	89
22) Diisopropyl ether	6.210	45	70687	20.634	ug/l	94
23) Vinyl Acetate	6.157	43	151558	104.053	ug/l	96
24) 1,1-Dichloroethane	6.110	63	51689	19.726	ug/l	98
25) 2-Butanone	7.081	43	31412	94.923	ug/l	96
26) 2,2-Dichloropropane	7.069	77	47073	19.524	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	36849	19.375	ug/l	98
28) Bromochloromethane	7.422	49	16499	19.953	ug/l	99
29) Tetrahydrofuran	7.446	42	18402	96.962	ug/l	96
30) Chloroform	7.599	83	55817	19.940	ug/l	98
31) Cyclohexane	7.881	56	44212	18.934	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	51107	20.667	ug/l	97
36) 1,1-Dichloropropene	8.004	75	43298	19.628	ug/l	99
37) Ethyl Acetate	7.169	43	14168	19.254	ug/l	99
38) Carbon Tetrachloride	7.987	117	40494	19.376	ug/l	98
39) Methylcyclohexane	9.275	83	52884	19.705	ug/l	96
40) Benzene	8.251	78	127278	19.521	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7603	20.217	ug/l	95
42) 1,2-Dichloroethane	8.328	62	30233	20.170	ug/l	99
43) Isopropyl Acetate	8.363	43	27036	19.746	ug/l	97
44) Trichloroethene	9.028	130	36847	19.836	ug/l	94
45) 1,2-Dichloropropane	9.304	63	28893	20.037	ug/l	90
46) Dibromomethane	9.393	93	16732	20.023	ug/l	94
47) Bromodichloromethane	9.581	83	41206	20.482	ug/l	97
48) Methyl methacrylate	9.381	41	12890	21.126	ug/l	86
49) 1,4-Dioxane	9.387	88	3185	377.939	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	64447	97.061	ug/l	98
52) Toluene	10.334	92	74881	18.758	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	32789	18.428	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	43973	19.694	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	21077	18.566	ug/l	98
56) Ethyl methacrylate	10.598	69	22346	17.605	ug/l	93
57) 1,3-Dichloropropane	10.881	76	34513	18.871	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	31004	110.746	ug/l	95
59) 2-Hexanone	10.922	43	40142	87.886	ug/l	100
60) Dibromochloromethane	11.075	129	24323	17.947	ug/l	100
61) 1,2-Dibromoethane	11.181	107	18946	17.709	ug/l	94
64) Tetrachloroethene	10.810	164	27000	19.259	ug/l	92
65) Chlorobenzene	11.604	112	78861	20.065	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	26350	19.761	ug/l	97
67) Ethyl Benzene	11.681	91	138777	19.926	ug/l	98
68) m/p-Xylenes	11.792	106	110649	40.017	ug/l	98
69) o-Xylene	12.122	106	50540	19.882	ug/l	97
70) Styrene	12.134	104	86946	20.189	ug/l	98
71) Bromoform	12.298	173	14171	19.845	ug/l #	100
73) Isopropylbenzene	12.422	105	133585	20.000	ug/l	100
74) N-amyl acetate	12.234	43	22235	20.496	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	22341	19.906	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	13762m	19.419	ug/l	
77) Bromobenzene	12.698	156	30594	19.893	ug/l	95
78) n-propylbenzene	12.763	91	165691	20.708	ug/l	100
79) 2-Chlorotoluene	12.845	91	87897	20.401	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	110904	20.352	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	6252	20.941	ug/l	91
82) 4-Chlorotoluene	12.945	91	92054	20.542	ug/l	96
83) tert-Butylbenzene	13.163	119	97153	20.231	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	110206	20.496	ug/l	99
85) sec-Butylbenzene	13.345	105	145115	20.030	ug/l	99
86) p-Isopropyltoluene	13.457	119	121604	19.929	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	63655	19.962	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	62049	19.793	ug/l	98
89) n-Butylbenzene	13.786	91	112860	20.224	ug/l	98
90) Hexachloroethane	14.051	117	20776	19.860	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	54092	19.915	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3165	20.401	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	31986	19.073	ug/l	97
94) Hexachlorobutadiene	15.204	225	16825	19.178	ug/l	99
95) Naphthalene	15.328	128	59962	18.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	27792	18.834	ug/l	98

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

