

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
 Data File : VD075210.D
 Acq On : 26 Jan 2023 14:44
 Operator : KP/SY
 Sample : VD0126SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0126SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/27/2023
 Supervised By :Mahesh Dadoda 01/27/2023

Quant Time: Jan 27 00:24:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	64645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	111994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	101764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	47802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35515	53.839	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.680%			
35) Dibromofluoromethane	7.810	113	36090	53.329	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.660%			
50) Toluene-d8	10.269	98	142691	53.551	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.100%			
62) 4-Bromofluorobenzene	12.575	95	46199	54.630	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	13462	25.050	ug/l	88
3) Chloromethane	2.146	50	19294	23.105	ug/l	98
4) Vinyl Chloride	2.287	62	18683	20.850	ug/l	100
5) Bromomethane	2.687	94	13098	21.494	ug/l	99
6) Chloroethane	2.834	64	12902	20.766	ug/l	96
7) Trichlorofluoromethane	3.175	101	25594	22.472	ug/l	96
8) Diethyl Ether	3.587	74	7510	20.464	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.975	101	15400	21.903	ug/l	99
10) Methyl Iodide	4.163	142	15944	16.845	ug/l	99
11) Tert butyl alcohol	5.058	59	4263	92.635	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	15555	21.015	ug/l	99
13) Acrolein	3.799	56	5155	121.101	ug/l	95
14) Allyl chloride	4.563	41	23902	19.897	ug/l	93
15) Acrylonitrile	5.258	53	16148	104.065	ug/l	97
16) Acetone	4.022	43	17538	100.804	ug/l	99
17) Carbon Disulfide	4.275	76	50131	20.881	ug/l	99
18) Methyl Acetate	4.563	43	9972	21.087	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	31746	20.531	ug/l	94
20) Methylene Chloride	4.805	84	20483	17.487	ug/l	95
21) trans-1,2-Dichloroethene	5.322	96	17016	20.650	ug/l	98
22) Diisopropyl ether	6.222	45	46795	20.929	ug/l	99
23) Vinyl Acetate	6.157	43	109802m	111.426	ug/l	
24) 1,1-Dichloroethane	6.110	63	30238	21.520	ug/l	98
25) 2-Butanone	7.075	43	22802	108.439	ug/l	98
26) 2,2-Dichloropropane	7.075	77	24847	19.837	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	19331	21.521	ug/l	95
28) Bromochloromethane	7.428	49	8793	22.921	ug/l #	96
29) Tetrahydrofuran	7.446	42	12543	104.584	ug/l	100
30) Chloroform	7.599	83	30187	21.544	ug/l	92
31) Cyclohexane	7.881	56	28074	21.220	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	26127	21.643	ug/l	97
36) 1,1-Dichloropropene	8.010	75	24150	22.211	ug/l	97
37) Ethyl Acetate	7.175	43	9824	22.426	ug/l	96
38) Carbon Tetrachloride	7.993	117	20516	22.410	ug/l	93
39) Methylcyclohexane	9.275	83	28375	21.176	ug/l	97
40) Benzene	8.251	78	68109	21.965	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5767	21.879	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	18134	22.264	ug/l	99
43) Isopropyl Acetate	8.357	43	18018	21.136	ug/l	99
44) Trichloroethene	9.034	130	18553	21.277	ug/l	98
45) 1,2-Dichloropropane	9.304	63	16746	21.924	ug/l	95
46) Dibromomethane	9.393	93	8800	21.845	ug/l	96
47) Bromodichloromethane	9.587	83	22182	22.196	ug/l	92
48) Methyl methacrylate	9.387	41	8733	20.950	ug/l	98
49) 1,4-Dioxane	9.381	88	1583	411.629	ug/l #	90
51) 4-Methyl-2-Pentanone	10.163	43	44130	107.802	ug/l	99
52) Toluene	10.334	92	42762	21.822	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	20797	21.996	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	24848	21.511	ug/l	96
55) 1,1,2-Trichloroethane	10.740	97	11639	21.833	ug/l	93
56) Ethyl methacrylate	10.598	69	13378	20.867	ug/l	98
57) 1,3-Dichloropropane	10.881	76	19970	21.800	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	25112	114.470	ug/l	97
59) 2-Hexanone	10.922	43	31355	105.932	ug/l	100
60) Dibromochloromethane	11.075	129	13536	21.066	ug/l	95
61) 1,2-Dibromoethane	11.181	107	11553	22.682	ug/l	97
64) Tetrachloroethene	10.810	164	14562	20.039	ug/l	96
65) Chlorobenzene	11.610	112	44628	21.402	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	14315	20.409	ug/l	97
67) Ethyl Benzene	11.687	91	79906	21.288	ug/l	98
68) m/p-Xylenes	11.798	106	61868	42.668	ug/l	100
69) o-Xylene	12.122	106	28939	21.276	ug/l	99
70) Styrene	12.140	104	47838	21.158	ug/l	97
71) Bromoform	12.304	173	7673	21.186	ug/l #	93
73) Isopropylbenzene	12.422	105	77024	20.399	ug/l	99
74) N-amyl acetate	12.240	43	15855	19.169	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	12754	21.200	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	9887m	24.422	ug/l	
77) Bromobenzene	12.704	156	16131	18.704	ug/l	89
78) n-propylbenzene	12.769	91	96087	20.709	ug/l	98
79) 2-Chlorotoluene	12.851	91	52438	20.549	ug/l	100
80) 1,3,5-Trimethylbenzene	12.910	105	63694	20.589	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	3577	20.494	ug/l	91
82) 4-Chlorotoluene	12.951	91	52771	20.113	ug/l	99
83) tert-Butylbenzene	13.169	119	55096	20.584	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	61746	20.324	ug/l	100
85) sec-Butylbenzene	13.351	105	84060	20.673	ug/l	99
86) p-Isopropyltoluene	13.463	119	67696	20.335	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	34343	20.543	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	33542	20.392	ug/l	97
89) n-Butylbenzene	13.792	91	66750	20.577	ug/l	99
90) Hexachloroethane	14.057	117	12474	21.219	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	29357	20.525	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1985	21.580	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	17371	18.495	ug/l	98
94) Hexachlorobutadiene	15.210	225	8987	19.524	ug/l	99
95) Naphthalene	15.339	128	32950	17.623	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	15472	19.306	ug/l	95

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

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