

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
 Data File : VD075211.D
 Acq On : 26 Jan 2023 15:11
 Operator : KP/SY
 Sample : VD0126SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 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 00:25:10 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	63934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	112291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	98936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	46033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33943	52.028	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.060%			
35) Dibromofluoromethane	7.804	113	34487	50.825	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.660%			
50) Toluene-d8	10.269	98	137760	51.563	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.581	95	43107	50.839	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	13640	25.753	ug/l	99
3) Chloromethane	2.146	50	19714	23.870	ug/l	96
4) Vinyl Chloride	2.281	62	19427	21.922	ug/l	98
5) Bromomethane	2.687	94	12185	20.218	ug/l	93
6) Chloroethane	2.834	64	12907	21.005	ug/l	100
7) Trichlorofluoromethane	3.175	101	26022	23.101	ug/l	94
8) Diethyl Ether	3.593	74	7072	19.485	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	15556	22.371	ug/l	97
10) Methyl Iodide	4.169	142	16532	17.661	ug/l	98
11) Tert butyl alcohol	5.057	59	4549	99.949	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	15696	21.441	ug/l	98
13) Acrolein	3.793	56	4091	90.793	ug/l	87
14) Allyl chloride	4.563	41	23605	19.868	ug/l	93
15) Acrylonitrile	5.263	53	15596	101.625	ug/l	99
16) Acetone	4.028	43	17046	99.066	ug/l	97
17) Carbon Disulfide	4.269	76	50165	21.127	ug/l	98
18) Methyl Acetate	4.563	43	9988	21.355	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	30654	20.045	ug/l	99
20) Methylene Chloride	4.805	84	20331	17.584	ug/l	97
21) trans-1,2-Dichloroethene	5.322	96	16993	20.851	ug/l	92
22) Diisopropyl ether	6.216	45	46310	20.943	ug/l	98
23) Vinyl Acetate	6.157	43	97175m	99.709	ug/l	
24) 1,1-Dichloroethane	6.110	63	29951	21.553	ug/l	99
25) 2-Butanone	7.087	43	21378	102.797	ug/l	92
26) 2,2-Dichloropropane	7.081	77	24955	20.145	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	18379	20.689	ug/l	98
28) Bromochloromethane	7.422	49	9196	24.238	ug/l	91
29) Tetrahydrofuran	7.451	42	12211	102.948	ug/l	99
30) Chloroform	7.599	83	29756	21.473	ug/l	97
31) Cyclohexane	7.875	56	27508	21.024	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	26706	22.369	ug/l	98
36) 1,1-Dichloropropene	8.010	75	23728	21.765	ug/l	100
37) Ethyl Acetate	7.175	43	8848	20.145	ug/l	97
38) Carbon Tetrachloride	7.993	117	19758	21.525	ug/l	96
39) Methylcyclohexane	9.275	83	27920	20.781	ug/l	98
40) Benzene	8.251	78	66253	21.310	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	5546	20.985	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	17844	21.850	ug/l	99
43) Isopropyl Acetate	8.363	43	16641	19.469	ug/l	99
44) Trichloroethene	9.028	130	18057	20.654	ug/l	98
45) 1,2-Dichloropropane	9.304	63	16229	21.191	ug/l	95
46) Dibromomethane	9.398	93	8038	19.901	ug/l	96
47) Bromodichloromethane	9.587	83	21275	21.232	ug/l	93
48) Methyl methacrylate	9.381	41	8340	19.954	ug/l	97
49) 1,4-Dioxane	9.393	88	1417	367.489	ug/l #	91
51) 4-Methyl-2-Pentanone	10.163	43	42227	102.881	ug/l	98
52) Toluene	10.334	92	41580	21.163	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	18171	19.167	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	23707	20.469	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	11067	20.705	ug/l	98
56) Ethyl methacrylate	10.604	69	12694	19.748	ug/l	99
57) 1,3-Dichloropropane	10.881	76	19100	20.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	22391	101.797	ug/l	99
59) 2-Hexanone	10.922	43	30598	103.101	ug/l	98
60) Dibromochloromethane	11.081	129	13744	21.333	ug/l	99
61) 1,2-Dibromoethane	11.187	107	10088	19.753	ug/l	93
64) Tetrachloroethene	10.810	164	15001	21.233	ug/l	93
65) Chlorobenzene	11.610	112	43570	21.491	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	15065	22.093	ug/l	94
67) Ethyl Benzene	11.687	91	76753	21.033	ug/l	100
68) m/p-Xylenes	11.798	106	60914	43.210	ug/l	98
69) o-Xylene	12.122	106	28116	21.262	ug/l	99
70) Styrene	12.139	104	47491	21.604	ug/l	99
71) Bromoform	12.304	173	7726	21.942	ug/l #	94
73) Isopropylbenzene	12.428	105	74470	20.481	ug/l	100
74) N-amyl acetate	12.234	43	15008	18.842	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	11890	20.524	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	8022m	20.576	ug/l	
77) Bromobenzene	12.704	156	16666	20.067	ug/l	97
78) n-propylbenzene	12.769	91	93719	20.975	ug/l	98
79) 2-Chlorotoluene	12.851	91	50253	20.449	ug/l	99
80) 1,3,5-Trimethylbenzene	12.910	105	61634	20.689	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	3336	19.848	ug/l	96
82) 4-Chlorotoluene	12.951	91	52058	20.604	ug/l	98
83) tert-Butylbenzene	13.169	119	54421	21.113	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	60239	20.590	ug/l	100
85) sec-Butylbenzene	13.351	105	81732	20.873	ug/l	99
86) p-Isopropyltoluene	13.463	119	65513	20.436	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	33242	20.648	ug/l	97
88) 1,4-Dichlorobenzene	13.545	146	32347	20.422	ug/l	96
89) n-Butylbenzene	13.792	91	62633	20.050	ug/l	99
90) Hexachloroethane	14.057	117	11841	20.917	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	28765	20.884	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1804	20.366	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	17231	19.051	ug/l	98
94) Hexachlorobutadiene	15.204	225	8445	19.052	ug/l	98
95) Naphthalene	15.333	128	31124	17.286	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	14775	19.145	ug/l	99

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

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