

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075149.D
 Acq On : 20 Jan 2023 13:18
 Operator : KP/SY
 Sample : VD0120SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 23 00:30:21 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	7.881	168	80981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	147900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	130793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	59149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44532	53.890	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.780%			
35) Dibromofluoromethane	7.804	113	46170	51.661	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.320%			
50) Toluene-d8	10.269	98	183694	52.202	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.400%			
62) 4-Bromofluorobenzene	12.575	95	56761	50.825	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	7107	8.451	ug/l	92
3) Chloromethane	2.152	50	11630	11.118	ug/l	90
4) Vinyl Chloride	2.287	62	11087	9.877	ug/l	93
5) Bromomethane	2.681	94	7911	10.363	ug/l	94
6) Chloroethane	2.834	64	7723	9.923	ug/l	96
7) Trichlorofluoromethane	3.175	101	15244	10.684	ug/l	96
8) Diethyl Ether	3.593	74	4878	10.611	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	9658	10.965	ug/l	93
10) Methyl Iodide	4.169	142	9154	7.721	ug/l	97
11) Tert butyl alcohol	5.034	59	4896	84.928	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	9615	10.369	ug/l	85
13) Acrolein	3.805	56	3483	50.439	ug/l	98
14) Allyl chloride	4.569	41	15698	10.432	ug/l	97
15) Acrylonitrile	5.263	53	11064	56.918	ug/l	94
16) Acetone	4.028	43	10186	46.736	ug/l	99
17) Carbon Disulfide	4.269	76	32923	10.947	ug/l	99
18) Methyl Acetate	4.563	43	7705	13.006	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	20822	10.750	ug/l	97
20) Methylene Chloride	4.799	84	15903	7.289	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	11229	10.878	ug/l	96
22) Diisopropyl ether	6.222	45	30344	10.834	ug/l	96
23) Vinyl Acetate	6.163	43	55856m	45.248	ug/l	
24) 1,1-Dichloroethane	6.116	63	19043	10.819	ug/l	96
25) 2-Butanone	7.081	43	13876	52.678	ug/l	100
26) 2,2-Dichloropropane	7.081	77	16170	10.305	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	12252	10.889	ug/l	98
28) Bromochloromethane	7.434	49	5243	10.910	ug/l #	95
29) Tetrahydrofuran	7.446	42	8022	53.395	ug/l	95
30) Chloroform	7.598	83	18953	10.798	ug/l	90
31) Cyclohexane	7.875	56	18855	11.377	ug/l #	95
32) 1,1,1-Trichloroethane	7.798	97	15785	10.438	ug/l	98
36) 1,1-Dichloropropene	8.016	75	15097	10.514	ug/l	99
37) Ethyl Acetate	7.175	43	6099	10.543	ug/l #	76
38) Carbon Tetrachloride	7.998	117	11280	9.330	ug/l #	81
39) Methylcyclohexane	9.275	83	17642	9.970	ug/l	92
40) Benzene	8.251	78	44307	10.820	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	3592	10.319	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	11523	10.713	ug/l	99
43) Isopropyl Acetate	8.357	43	11487	10.204	ug/l	97
44) Trichloroethene	9.034	130	11312	9.823	ug/l	93
45) 1,2-Dichloropropane	9.310	63	10600	10.508	ug/l	97
46) Dibromomethane	9.392	93	5767	10.841	ug/l	90
47) Bromodichloromethane	9.587	83	13382	10.139	ug/l	93
48) Methyl methacrylate	9.381	41	5637	10.240	ug/l	96
49) 1,4-Dioxane	9.398	88	942	185.482	ug/l #	92
51) 4-Methyl-2-Pentanone	10.163	43	27982	51.761	ug/l	98
52) Toluene	10.339	92	26397	10.201	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	12196	9.767	ug/l #	89
54) cis-1,3-Dichloropropene	10.016	75	15327	10.047	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	7540	10.710	ug/l #	87
56) Ethyl methacrylate	10.598	69	8590	10.146	ug/l	96
57) 1,3-Dichloropropane	10.886	76	13095	10.825	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	14467	49.936	ug/l	100
59) 2-Hexanone	10.922	43	19850	50.782	ug/l	98
60) Dibromochloromethane	11.075	129	8046	9.482	ug/l	90
61) 1,2-Dibromoethane	11.181	107	6864	10.204	ug/l	99
64) Tetrachloroethene	10.816	164	9152	9.799	ug/l	90
65) Chlorobenzene	11.610	112	27784	10.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.686	131	8868	9.837	ug/l	98
67) Ethyl Benzene	11.686	91	49964	10.357	ug/l	92
68) m/p-Xylenes	11.798	106	38710	20.771	ug/l	98
69) o-Xylene	12.122	106	17996	10.294	ug/l	99
70) Styrene	12.139	104	30122	10.365	ug/l	98
71) Bromoform	12.298	173	4433	9.523	ug/l #	96
73) Isopropylbenzene	12.428	105	46093	9.866	ug/l	99
74) N-amyl acetate	12.233	43	9847	9.621	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	7780	10.451	ug/l	93
76) 1,2,3-Trichloropropane	12.728	75	5298m	10.576	ug/l	
77) Bromobenzene	12.704	156	10616	9.948	ug/l	93
78) n-propylbenzene	12.769	91	59227	10.316	ug/l	97
79) 2-Chlorotoluene	12.851	91	31884	10.097	ug/l	100
80) 1,3,5-Trimethylbenzene	12.910	105	38945	10.174	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	2060	9.539	ug/l	98
82) 4-Chlorotoluene	12.951	91	33617	10.355	ug/l	98
83) tert-Butylbenzene	13.169	119	33885	10.231	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	36885	9.812	ug/l	98
85) sec-Butylbenzene	13.351	105	50324	10.002	ug/l	97
86) p-Isopropyltoluene	13.463	119	40990	9.951	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	21181	10.239	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	21165	10.399	ug/l	98
89) n-Butylbenzene	13.792	91	40942	10.200	ug/l	98
90) Hexachloroethane	14.057	117	7053	9.696	ug/l	88
91) 1,2-Dichlorobenzene	13.833	146	18348	10.367	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1378	12.107	ug/l	71
93) 1,2,4-Trichlorobenzene	15.098	180	10382	8.933	ug/l	99
94) Hexachlorobutadiene	15.204	225	5112	8.975	ug/l	95
95) Naphthalene	15.339	128	20271	8.762	ug/l	98
96) 1,2,3-Trichlorobenzene	15.527	180	8953	9.028	ug/l	99

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

