

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012723\
 Data File : VD075223.D
 Acq On : 27 Jan 2023 14:04
 Operator : KP/SY
 Sample : VD0127SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0127SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/30/2023
 Supervised By :Mahesh Dadoda 01/30/2023

Quant Time: Jan 30 01:02:18 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	60308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	104793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	93850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	43746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	33350	54.193	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.380%			
35) Dibromofluoromethane	7.810	113	33624	53.099	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.200%			
50) Toluene-d8	10.269	98	132318	53.070	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.140%			
62) 4-Bromofluorobenzene	12.575	95	41141	51.992	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	12069	23.931	ug/l	98
3) Chloromethane	2.146	50	18334	23.534	ug/l	99
4) Vinyl Chloride	2.281	62	19031	22.766	ug/l	98
5) Bromomethane	2.687	94	12490	21.970	ug/l	97
6) Chloroethane	2.834	64	12776	22.042	ug/l	98
7) Trichlorofluoromethane	3.175	101	24121	22.701	ug/l	96
8) Diethyl Ether	3.593	74	6746	19.705	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	14408	21.965	ug/l	99
10) Methyl Iodide	4.164	142	15907	18.015	ug/l	98
11) Tert butyl alcohol	5.046	59	3989	92.915	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	13512	19.567	ug/l #	85
13) Acrolein	3.805	56	4391	107.763	ug/l	88
14) Allyl chloride	4.558	41	22558	20.129	ug/l	95
15) Acrylonitrile	5.264	53	15569	107.549	ug/l	98
16) Acetone	4.028	43	15904	97.986	ug/l	91
17) Carbon Disulfide	4.269	76	46912	20.945	ug/l	98
18) Methyl Acetate	4.558	43	9486	21.502	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	29722	20.604	ug/l	99
20) Methylene Chloride	4.799	84	20495	19.432	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	16171	21.036	ug/l	92
22) Diisopropyl ether	6.222	45	42980	20.605	ug/l	99
23) Vinyl Acetate	6.163	43	88986m	96.796	ug/l	
24) 1,1-Dichloroethane	6.116	63	28262	21.560	ug/l	98
25) 2-Butanone	7.087	43	20610	105.063	ug/l	93
26) 2,2-Dichloropropane	7.075	77	24006	20.544	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	18029	21.515	ug/l	96
28) Bromochloromethane	7.422	49	8201	22.915	ug/l #	96
29) Tetrahydrofuran	7.452	42	11468	102.497	ug/l #	84
30) Chloroform	7.599	83	28071	21.475	ug/l	95
31) Cyclohexane	7.875	56	25162	20.387	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	25173	22.353	ug/l	99
36) 1,1-Dichloropropene	8.010	75	22329	21.947	ug/l	97
37) Ethyl Acetate	7.169	43	8376	20.435	ug/l	96
38) Carbon Tetrachloride	7.993	117	18954	22.126	ug/l	98
39) Methylcyclohexane	9.275	83	25863	20.628	ug/l	96
40) Benzene	8.252	78	62463	21.528	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5351m	21.696	ug/l	
42) 1,2-Dichloroethane	8.328	62	17461	22.910	ug/l	100
43) Isopropyl Acetate	8.363	43	16202	20.312	ug/l	98
44) Trichloroethene	9.028	130	16827	20.624	ug/l	92
45) 1,2-Dichloropropane	9.310	63	14987	20.969	ug/l	98
46) Dibromomethane	9.399	93	8226	21.824	ug/l	97
47) Bromodichloromethane	9.587	83	20878	22.326	ug/l	90
48) Methyl methacrylate	9.387	41	8572	21.977	ug/l	96
49) 1,4-Dioxane	9.387	88	1532	425.742	ug/l #	71
51) 4-Methyl-2-Pentanone	10.163	43	39803	103.913	ug/l	98
52) Toluene	10.334	92	38582	21.042	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	18262	20.642	ug/l	91
54) cis-1,3-Dichloropropene	10.016	75	22558	20.870	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	11198	22.449	ug/l	95
56) Ethyl methacrylate	10.599	69	11958	19.934	ug/l	95
57) 1,3-Dichloropropane	10.881	76	18789	21.920	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	22666	110.420	ug/l	100
59) 2-Hexanone	10.922	43	28394	102.520	ug/l	99
60) Dibromochloromethane	11.081	129	12954	21.545	ug/l	97
61) 1,2-Dibromoethane	11.181	107	10134	21.263	ug/l	99
64) Tetrachloroethene	10.810	164	14245	21.255	ug/l	96
65) Chlorobenzene	11.610	112	42306	21.999	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	14263	22.050	ug/l	96
67) Ethyl Benzene	11.687	91	74290	21.461	ug/l	97
68) m/p-Xylenes	11.793	106	58070	43.425	ug/l	98
69) o-Xylene	12.122	106	27408	21.850	ug/l	98
70) Styrene	12.140	104	45705	21.919	ug/l	99
71) Bromoform	12.304	173	7243	21.685	ug/l #	97
73) Isopropylbenzene	12.422	105	72084	20.861	ug/l	98
74) N-amyl acetate	12.234	43	13954	18.435	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	11568	21.012	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	8907m	24.041	ug/l	
77) Bromobenzene	12.704	156	16027	20.306	ug/l	96
78) n-propylbenzene	12.763	91	88657	20.879	ug/l	99
79) 2-Chlorotoluene	12.851	91	48492	20.764	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	58626	20.708	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	2964	18.557	ug/l	92
82) 4-Chlorotoluene	12.945	91	49586	20.651	ug/l	99
83) tert-Butylbenzene	13.169	119	49963	20.397	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	58295	20.967	ug/l	100
85) sec-Butylbenzene	13.345	105	78083	20.984	ug/l	99
86) p-Isopropyltoluene	13.463	119	64208	21.076	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	32670	21.354	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	32888	21.849	ug/l	97
89) n-Butylbenzene	13.793	91	62596	21.085	ug/l	97
90) Hexachloroethane	14.057	117	10847	20.162	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	27369	20.909	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1839	21.846	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	16261	18.919	ug/l	96
94) Hexachlorobutadiene	15.204	225	8573	20.352	ug/l	98
95) Naphthalene	15.334	128	30788	17.993	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	14297	19.494	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

