

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078219.D
 Acq On : 24 Jan 2024 13:01
 Operator : RP/MD
 Sample : VD0124SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 00:26:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	128990	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	236129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	218986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	97381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	78318	53.185	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.380%			
35) Dibromofluoromethane	7.805	113	79938	51.439	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.880%			
50) Toluene-d8	10.275	98	322022	52.332	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.660%			
62) 4-Bromofluorobenzene	12.575	95	91818	51.453	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	33159	23.624	ug/l	100
3) Chloromethane	2.152	50	46586	19.515	ug/l	98
4) Vinyl Chloride	2.287	62	60163	19.669	ug/l	100
5) Bromomethane	2.693	94	43931	19.680	ug/l	97
6) Chloroethane	2.840	64	43238	20.237	ug/l	93
7) Trichlorofluoromethane	3.181	101	55301	19.877	ug/l	93
8) Diethyl Ether	3.599	74	14772	19.153	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.975	101	34469	21.390	ug/l	91
10) Methyl Iodide	4.169	142	28367	17.561	ug/l #	86
11) Tert butyl alcohol	5.052	59	6998	96.532	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	31690	19.852	ug/l #	85
13) Acrolein	3.799	56	13972	83.956	ug/l	93
14) Allyl chloride	4.564	41	41795	19.850	ug/l	91
15) Acrylonitrile	5.258	53	32824	94.842	ug/l	95
16) Acetone	4.022	43	48173	119.568	ug/l #	84
17) Carbon Disulfide	4.281	76	101785	19.664	ug/l	98
18) Methyl Acetate	4.569	43	23646	18.664	ug/l #	69
19) Methyl tert-butyl Ether	5.316	73	61664	18.525	ug/l	92
20) Methylene Chloride	4.805	84	42489	21.253	ug/l #	88
21) trans-1,2-Dichloroethene	5.322	96	37064	20.093	ug/l	97
22) Diisopropyl ether	6.222	45	91840	20.613	ug/l	94
23) Vinyl Acetate	6.163	43	214482	97.707	ug/l	93
24) 1,1-Dichloroethane	6.122	63	61848	20.089	ug/l	97
25) 2-Butanone	7.087	43	52953	108.301	ug/l #	76
26) 2,2-Dichloropropane	7.081	77	50452	19.562	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	39630	20.001	ug/l	89
28) Bromochloromethane	7.434	49	23673	19.715	ug/l #	70
29) Tetrahydrofuran	7.452	42	23897	98.368	ug/l #	82
30) Chloroform	7.605	83	63082	20.147	ug/l	97
31) Cyclohexane	7.881	56	53284	19.571	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	53706	19.857	ug/l	99
36) 1,1-Dichloropropene	8.010	75	50210	19.647	ug/l	96
37) Ethyl Acetate	7.163	43	16879	17.742	ug/l	94
38) Carbon Tetrachloride	7.993	117	47081	18.654	ug/l	99
39) Methylcyclohexane	9.281	83	57802	19.125	ug/l	93
40) Benzene	8.252	78	147008	20.271	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	11172m	21.386	ug/l	
42) 1,2-Dichloroethane	8.328	62	37619	19.937	ug/l	94
43) Isopropyl Acetate	8.357	43	30527	17.514	ug/l	97
44) Trichloroethene	9.028	130	36283	19.556	ug/l	86
45) 1,2-Dichloropropane	9.304	63	35019	19.460	ug/l	98
46) Dibromomethane	9.393	93	17963	18.176	ug/l	89
47) Bromodichloromethane	9.587	83	48056	19.358	ug/l	95
48) Methyl methacrylate	9.381	41	18829	18.659	ug/l #	73
49) 1,4-Dioxane	9.393	88	3522	368.312	ug/l #	83
51) 4-Methyl-2-Pentanone	10.163	43	87398	95.422	ug/l	89
52) Toluene	10.334	92	90058	19.591	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	44136	19.271	ug/l	92
54) cis-1,3-Dichloropropene	10.022	75	53658	19.544	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	25401	19.208	ug/l	93
56) Ethyl methacrylate	10.599	69	20501	18.938	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	44609	19.725	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	60161	92.739	ug/l	91
59) 2-Hexanone	10.922	43	77124	103.622	ug/l	87
60) Dibromochloromethane	11.075	129	28997	18.599	ug/l	93
61) 1,2-Dibromoethane	11.181	107	22870	18.762	ug/l	97
64) Tetrachloroethene	10.816	164	27257	19.036	ug/l	97
65) Chlorobenzene	11.610	112	90486	18.705	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	31962	18.489	ug/l	96
67) Ethyl Benzene	11.687	91	165801	18.834	ug/l	96
68) m/p-Xylenes	11.793	106	129175	38.420	ug/l	90
69) o-Xylene	12.122	106	55903	18.321	ug/l	86
70) Styrene	12.134	104	88191	19.288	ug/l	96
71) Bromoform	12.298	173	16215	18.940	ug/l #	99
73) Isopropylbenzene	12.422	105	153211	20.010	ug/l	97
74) N-amyl acetate	12.234	43	28039	19.140	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	28734	20.168	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	19845m	21.247	ug/l	
77) Bromobenzene	12.704	156	33021	19.670	ug/l	82
78) n-propylbenzene	12.763	91	195777	20.616	ug/l	94
79) 2-Chlorotoluene	12.851	91	103458	20.415	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	128316	20.211	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	8320	19.188	ug/l	92
82) 4-Chlorotoluene	12.945	91	110388	20.664	ug/l	95
83) tert-Butylbenzene	13.169	119	108936	20.526	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	130948	20.394	ug/l	94
85) sec-Butylbenzene	13.345	105	166999	20.781	ug/l	92
86) p-Isopropyltoluene	13.463	119	137371	19.643	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	69031	19.861	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	67890	19.771	ug/l	93
89) n-Butylbenzene	13.787	91	141870	20.839	ug/l	97
90) Hexachloroethane	14.051	117	28330	20.651	ug/l	80
91) 1,2-Dichlorobenzene	13.834	146	58871	20.143	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4000	19.646	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	34196	18.928	ug/l	97
94) Hexachlorobutadiene	15.198	225	17180	19.678	ug/l	98
95) Naphthalene	15.334	128	63131	18.690	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	30437	20.080	ug/l	96

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

