

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078220.D
 Acq On : 24 Jan 2024 13:27
 Operator : RP/MD
 Sample : VD0124SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 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 00:26:59 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	129056	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	242381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	218125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76493	51.919	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.840%			
35) Dibromofluoromethane	7.810	113	80229	50.294	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.580%			
50) Toluene-d8	10.269	98	316733	50.145	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.280%			
62) 4-Bromofluorobenzene	12.575	95	90326	49.311	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.620%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	37992	27.868	ug/l	99
3) Chloromethane	2.152	50	51597	22.135	ug/l	95
4) Vinyl Chloride	2.287	62	69398	22.677	ug/l	99
5) Bromomethane	2.687	94	48396	21.670	ug/l	94
6) Chloroethane	2.840	64	45883	21.464	ug/l	99
7) Trichlorofluoromethane	3.181	101	64037	23.005	ug/l	95
8) Diethyl Ether	3.599	74	15898	20.602	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.981	101	37657	23.357	ug/l	94
10) Methyl Iodide	4.169	142	35203	21.782	ug/l	93
11) Tert butyl alcohol	5.052	59	7491	103.279	ug/l	# 92
12) 1,1-Dichloroethene	3.946	96	35735	22.375	ug/l	91
13) Acrolein	3.811	56	16829	101.072	ug/l	95
14) Allyl chloride	4.569	41	44735	21.235	ug/l	91
15) Acrylonitrile	5.263	53	35656	102.972	ug/l	97
16) Acetone	4.022	43	50736	127.581	ug/l	88
17) Carbon Disulfide	4.281	76	108136	20.880	ug/l	96
18) Methyl Acetate	4.569	43	26132	20.616	ug/l	# 88
19) Methyl tert-butyl Ether	5.316	73	67284	20.203	ug/l	97
20) Methylene Chloride	4.811	84	43641	21.947	ug/l	88
21) trans-1,2-Dichloroethene	5.322	96	39954	21.649	ug/l	94
22) Diisopropyl ether	6.222	45	95378	21.396	ug/l	96
23) Vinyl Acetate	6.163	43	230411	104.909	ug/l	# 90
24) 1,1-Dichloroethane	6.111	63	65397	21.231	ug/l	92
25) 2-Butanone	7.087	43	57074	117.498	ug/l	# 78
26) 2,2-Dichloropropane	7.081	77	55165	21.379	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	41201	20.783	ug/l	89
28) Bromochloromethane	7.428	49	25317	21.073	ug/l	# 71
29) Tetrahydrofuran	7.452	42	25470	104.790	ug/l	# 86
30) Chloroform	7.599	83	70699	22.569	ug/l	95
31) Cyclohexane	7.881	56	60059	22.048	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	58923	21.775	ug/l	98
36) 1,1-Dichloropropene	8.010	75	54592	20.811	ug/l	94
37) Ethyl Acetate	7.175	43	20651	21.147	ug/l	# 71
38) Carbon Tetrachloride	7.999	117	52482	20.257	ug/l	92
39) Methylcyclohexane	9.281	83	64452	20.776	ug/l	96
40) Benzene	8.257	78	156099	20.969	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	9985m	18.621	ug/l	
42) 1,2-Dichloroethane	8.334	62	39501	20.394	ug/l	96
43) Isopropyl Acetate	8.363	43	34331	19.189	ug/l #	92
44) Trichloroethene	9.028	130	37628	19.758	ug/l	94
45) 1,2-Dichloropropane	9.310	63	37360	20.225	ug/l	96
46) Dibromomethane	9.399	93	19304	19.029	ug/l	88
47) Bromodichloromethane	9.587	83	50476	19.808	ug/l	95
48) Methyl methacrylate	9.381	41	20671	19.956	ug/l #	82
49) 1,4-Dioxane	9.387	88	3938	401.192	ug/l #	81
51) 4-Methyl-2-Pentanone	10.163	43	91127	96.927	ug/l	88
52) Toluene	10.334	92	97565	20.677	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	43912	18.679	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	56184	19.936	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	26759	19.713	ug/l	98
56) Ethyl methacrylate	10.599	69	21894	19.704	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	45800	19.730	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	65909	98.979	ug/l	92
59) 2-Hexanone	10.922	43	81574	106.773	ug/l	85
60) Dibromochloromethane	11.075	129	30943	19.335	ug/l	96
61) 1,2-Dibromoethane	11.181	107	25551	20.421	ug/l	94
64) Tetrachloroethene	10.810	164	28809	20.199	ug/l	94
65) Chlorobenzene	11.610	112	97896	20.317	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	35903	20.850	ug/l	94
67) Ethyl Benzene	11.687	91	178078	20.309	ug/l	96
68) m/p-Xylenes	11.793	106	135795	40.549	ug/l	90
69) o-Xylene	12.122	106	59677	19.635	ug/l	85
70) Styrene	12.134	104	94369	20.721	ug/l	96
71) Bromoform	12.298	173	15919	18.668	ug/l #	100
73) Isopropylbenzene	12.422	105	163531	21.828	ug/l	97
74) N-amyl acetate	12.234	43	31501	21.978	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	30865	22.141	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	20301m	22.214	ug/l	
77) Bromobenzene	12.704	156	34547	21.033	ug/l	81
78) n-propylbenzene	12.763	91	211625	22.776	ug/l	93
79) 2-Chlorotoluene	12.851	91	109576	22.099	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	137658	22.160	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	9064	21.364	ug/l	94
82) 4-Chlorotoluene	12.945	91	117468	22.474	ug/l	91
83) tert-Butylbenzene	13.169	119	114939	22.134	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	139582	22.218	ug/l	91
85) sec-Butylbenzene	13.345	105	174694	22.217	ug/l	93
86) p-Isopropyltoluene	13.463	119	150444	21.987	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	72941	21.448	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	73713	21.940	ug/l	97
89) n-Butylbenzene	13.787	91	147274	22.110	ug/l	98
90) Hexachloroethane	14.051	117	30071	22.404	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	61657	21.561	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4177	20.967	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	37524	21.228	ug/l	95
94) Hexachlorobutadiene	15.204	225	18530	21.693	ug/l	97
95) Naphthalene	15.328	128	67053	20.288	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	31386	21.162	ug/l	97

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

