

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079783.D
 Acq On : 05 Sep 2024 14:11
 Operator : RP/MD
 Sample : VD0905SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0905SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben
 Patel

Quant Time: Sep 06 01:36:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						09/06/2024
1) Pentafluorobenzene	7.875	168	96695	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	202865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92486	50.000	ug/l	0.00
System Monitoring Compounds						09/06/2024
33) 1,2-Dichloroethane-d4	8.228	65	82622	62.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.340%	
35) Dibromofluoromethane	7.804	113	72381	54.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.780%	
50) Toluene-d8	10.269	98	322195	56.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.940%	
62) 4-Bromofluorobenzene	12.569	95	90452	57.163	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 114.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	28996	24.974	ug/l	95
3) Chloromethane	2.146	50	62549	25.860	ug/l	94
4) Vinyl Chloride	2.281	62	74215	25.469	ug/l	100
5) Bromomethane	2.687	94	52249	25.902	ug/l	99
6) Chloroethane	2.834	64	53145	26.902	ug/l	98
7) Trichlorofluoromethane	3.175	101	52486	23.861	ug/l	98
8) Diethyl Ether	3.587	74	17621	25.250	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.963	101	27368	22.221	ug/l	88
10) Methyl Iodide	4.163	142	29035	20.460	ug/l	90
11) Tert butyl alcohol	5.057	59	8758	134.698	ug/l	99
12) 1,1-Dichloroethene	3.934	96	31329	24.228	ug/l	# 90
13) Acrolein	3.799	56	13612	107.385	ug/l	92
14) Allyl chloride	4.557	41	50313	26.410	ug/l	# 83
15) Acrylonitrile	5.257	53	40974	130.206	ug/l	99
16) Acetone	4.022	43	37497	137.052	ug/l	100
17) Carbon Disulfide	4.275	76	109362	23.129	ug/l	95
18) Methyl Acetate	4.563	43	19267	24.567	ug/l	# 81
19) Methyl tert-butyl Ether	5.322	73	70214	24.811	ug/l	98
20) Methylene Chloride	4.799	84	44972	26.064	ug/l	# 80
21) trans-1,2-Dichloroethene	5.310	96	32921	22.939	ug/l	88
22) Diisopropyl ether	6.216	45	108327	27.019	ug/l	# 88
23) Vinyl Acetate	6.151	43	308017	141.575	ug/l	# 89
24) 1,1-Dichloroethane	6.110	63	66436	25.340	ug/l	97
25) 2-Butanone	7.081	43	48295	132.314	ug/l	96
26) 2,2-Dichloropropane	7.075	77	50126	24.574	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	38613	23.458	ug/l	83
28) Bromochloromethane	7.428	49	27746	23.811	ug/l	# 56
29) Tetrahydrofuran	7.446	42	30026	132.997	ug/l	# 79
30) Chloroform	7.593	83	63755	24.496	ug/l	97
31) Cyclohexane	7.875	56	52881	23.992	ug/l	# 83
32) 1,1,1-Trichloroethane	7.787	97	52096	24.031	ug/l	95
36) 1,1-Dichloropropene	8.004	75	45238	23.146	ug/l	93
37) Ethyl Acetate	7.169	43	22598	26.165	ug/l	# 94
38) Carbon Tetrachloride	7.987	117	47100	22.597	ug/l	90
39) Methylcyclohexane	9.275	83	49523	20.807	ug/l	# 86
40) Benzene	8.245	78	146316	22.448	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	11596	23.463	ug/l	87
42) 1,2-Dichloroethane	8.322	62	38653	24.180	ug/l	92
43) Isopropyl Acetate	8.363	43	39616	24.587	ug/l #	90
44) Trichloroethene	9.028	130	29348	21.098	ug/l	80
45) 1,2-Dichloropropane	9.304	63	35712	22.696	ug/l	97
46) Dibromomethane	9.392	93	18115	21.764	ug/l #	82
47) Bromodichloromethane	9.581	83	47528	22.865	ug/l #	95
48) Methyl methacrylate	9.381	41	18816	24.194	ug/l #	78
49) 1,4-Dioxane	9.387	88	3593	429.666	ug/l #	67
51) 4-Methyl-2-Pentanone	10.157	43	103575	123.062	ug/l	90
52) Toluene	10.328	92	89930	22.813	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	45708	23.325	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	53654	22.986	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	24479	22.481	ug/l #	89
56) Ethyl methacrylate	10.598	69	30605	22.431	ug/l #	76
57) 1,3-Dichloropropane	10.875	76	42415	21.608	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	62567	111.250	ug/l #	85
59) 2-Hexanone	10.922	43	73574	124.230	ug/l	86
60) Dibromochloromethane	11.069	129	29004	21.655	ug/l	98
61) 1,2-Dibromoethane	11.175	107	20879	21.879	ug/l	96
64) Tetrachloroethene	10.810	164	22756	19.975	ug/l	96
65) Chlorobenzene	11.604	112	93099	21.635	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	29656	20.980	ug/l	99
67) Ethyl Benzene	11.681	91	159994	21.091	ug/l	94
68) m/p-Xylenes	11.786	106	124065	42.605	ug/l	88
69) o-Xylene	12.116	106	56287	20.739	ug/l	84
70) Styrene	12.134	104	105907	22.356	ug/l	95
71) Bromoform	12.292	173	15111	21.317	ug/l #	100
73) Isopropylbenzene	12.416	105	144806	21.999	ug/l	97
74) N-amyl acetate	12.228	43	40935	26.165	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.669	83	27853	22.044	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	18265m	23.106	ug/l	
77) Bromobenzene	12.698	156	31199	21.297	ug/l	72
78) n-propylbenzene	12.757	91	188957	23.231	ug/l	93
79) 2-Chlorotoluene	12.845	91	101252	22.345	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	122994	22.476	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	11071	23.360	ug/l	93
82) 4-Chlorotoluene	12.939	91	110933	23.505	ug/l	93
83) tert-Butylbenzene	13.163	119	101826	22.392	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	128603	22.781	ug/l	95
85) sec-Butylbenzene	13.339	105	156984	22.579	ug/l	97
86) p-Isopropyltoluene	13.457	119	128200	21.578	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	66741	21.221	ug/l	96
88) 1,4-Dichlorobenzene	13.533	146	65826	20.934	ug/l	93
89) n-Butylbenzene	13.780	91	125047	22.450	ug/l	98
90) Hexachloroethane	14.045	117	26253	22.331	ug/l	80
91) 1,2-Dichlorobenzene	13.828	146	57714	21.429	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4499	24.388	ug/l	62
93) 1,2,4-Trichlorobenzene	15.092	180	29765	20.121	ug/l	96
94) Hexachlorobutadiene	15.198	225	15080	21.199	ug/l	95
95) Naphthalene	15.322	128	67350	22.436	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.516	180	27055	20.931	ug/l	97

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

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

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