

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050124\
 Data File : VD078859.D
 Acq On : 01 May 2024 13:11
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

Quant Time: May 02 07:39:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	121300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	205981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77672	57.690	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.380%			
35) Dibromofluoromethane	7.805	113	87414	57.799	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.600%			
50) Toluene-d8	10.269	98	338827	58.378	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 116.760%			
62) 4-Bromofluorobenzene	12.575	95	99888	60.134	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 120.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63384	46.225	ug/l	97
3) Chloromethane	2.146	50	105310	51.674	ug/l	99
4) Vinyl Chloride	2.281	62	151095	51.074	ug/l	94
5) Bromomethane	2.693	94	146159	49.513	ug/l	96
6) Chloroethane	2.834	64	130603	53.590	ug/l	93
7) Trichlorofluoromethane	3.175	101	115366	47.916	ug/l	94
8) Diethyl Ether	3.599	74	36443	55.511	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.975	101	72104	49.847	ug/l	97
10) Methyl Iodide	4.169	142	93470	53.996	ug/l	98
11) Tert butyl alcohol	5.046	59	17511	283.934	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	73840	51.485	ug/l	91
13) Acrolein	3.799	56	31627	265.517	ug/l	99
14) Allyl chloride	4.564	41	79322	55.097	ug/l	96
15) Acrylonitrile	5.258	53	74666	285.712	ug/l	98
16) Acetone	4.016	43	63946	318.498	ug/l	92
17) Carbon Disulfide	4.269	76	250853	52.891	ug/l	98
18) Methyl Acetate	4.564	43	26422	53.087	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	157592	58.061	ug/l	98
20) Methylene Chloride	4.805	84	94804	51.044	ug/l	97
21) trans-1,2-Dichloroethene	5.316	96	88197	54.842	ug/l	94
22) Diisopropyl ether	6.222	45	191795	60.247	ug/l #	94
23) Vinyl Acetate	6.158	43	578876	301.619	ug/l	95
24) 1,1-Dichloroethane	6.110	63	138310	53.965	ug/l	99
25) 2-Butanone	7.087	43	83080	295.062	ug/l	95
26) 2,2-Dichloropropane	7.075	77	115653	53.479	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	101204	55.094	ug/l	98
28) Bromochloromethane	7.434	49	54738	56.766	ug/l	91
29) Tetrahydrofuran	7.446	42	48797	296.175	ug/l	92
30) Chloroform	7.599	83	155100	54.230	ug/l	98
31) Cyclohexane	7.875	56	94768	47.410	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	126329	52.370	ug/l	98
36) 1,1-Dichloropropene	8.005	75	103298	53.101	ug/l	99
37) Ethyl Acetate	7.169	43	34284	53.283	ug/l	97
38) Carbon Tetrachloride	7.993	117	114809	51.272	ug/l	95
39) Methylcyclohexane	9.275	83	119959	50.046	ug/l	97
40) Benzene	8.252	78	344323	54.049	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15682	49.355	ug/l #	77
42) 1,2-Dichloroethane	8.328	62	82788	55.046	ug/l	99
43) Isopropyl Acetate	8.363	43	68726	58.394	ug/l	99
44) Trichloroethene	9.028	130	85366	53.196	ug/l	99
45) 1,2-Dichloropropane	9.304	63	76002	54.400	ug/l	92
46) Dibromomethane	9.393	93	48852	54.924	ug/l	98
47) Bromodichloromethane	9.581	83	120641	54.777	ug/l	94
48) Methyl methacrylate	9.387	41	32252	58.463	ug/l	98
49) 1,4-Dioxane	9.381	88	10205	1257.280	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	184738	293.123	ug/l	100
52) Toluene	10.334	92	225792	56.427	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	102820	55.677	ug/l	91
54) cis-1,3-Dichloropropene	10.016	75	123808	55.507	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	63079	54.676	ug/l	97
56) Ethyl methacrylate	10.593	69	70902	59.813	ug/l	98
57) 1,3-Dichloropropane	10.875	76	100835	55.271	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	147623	285.203	ug/l	99
59) 2-Hexanone	10.922	43	132627	297.206	ug/l	99
60) Dibromochloromethane	11.075	129	86503	55.320	ug/l	97
61) 1,2-Dibromoethane	11.181	107	58717	54.880	ug/l	96
64) Tetrachloroethene	10.810	164	72329	53.375	ug/l	96
65) Chlorobenzene	11.604	112	251235	55.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	85123	53.387	ug/l	98
67) Ethyl Benzene	11.681	91	415687	55.737	ug/l	95
68) m/p-Xylenes	11.793	106	345027	114.260	ug/l	97
69) o-Xylene	12.122	106	157797	57.158	ug/l	100
70) Styrene	12.134	104	280640	57.814	ug/l	100
71) Bromoform	12.298	173	49221	57.017	ug/l #	95
73) Isopropylbenzene	12.422	105	388986	55.422	ug/l	99
74) N-amyl acetate	12.234	43	66962	57.356	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	70846	53.875	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	44139m	50.909	ug/l	
77) Bromobenzene	12.698	156	97541	54.093	ug/l	97
78) n-propylbenzene	12.763	91	470495	55.315	ug/l	99
79) 2-Chlorotoluene	12.851	91	262726	55.340	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	330286	56.671	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	24461	55.173	ug/l	98
82) 4-Chlorotoluene	12.945	91	284562	56.207	ug/l	99
83) tert-Butylbenzene	13.163	119	281401	56.095	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	338228	56.697	ug/l	98
85) sec-Butylbenzene	13.345	105	409143	53.709	ug/l	99
86) p-Isopropyltoluene	13.463	119	361037	54.688	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	203975	54.013	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	199069	53.252	ug/l	99
89) n-Butylbenzene	13.787	91	321603	54.643	ug/l	99
90) Hexachloroethane	14.051	117	72755	51.511	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	179150	55.430	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9754	54.483	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	100096	55.749	ug/l	98
94) Hexachlorobutadiene	15.198	225	46133	50.156	ug/l	96
95) Naphthalene	15.334	128	185228	57.261	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	88485	55.629	ug/l	96

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

