

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076527.D
 Acq On : 21 Jun 2023 22:22
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 22 04:32:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	104964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	186501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	171520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53538	50.909	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.820%			
35) Dibromofluoromethane	7.805	113	53980	48.721	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.440%			
50) Toluene-d8	10.269	98	194881	46.380	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.760%			
62) 4-Bromofluorobenzene	12.569	95	63776	46.768	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	37823	47.422	ug/l	99
3) Chloromethane	2.146	50	81762	49.291	ug/l	98
4) Vinyl Chloride	2.275	62	88015	47.566	ug/l	99
5) Bromomethane	2.681	94	50903	42.309	ug/l	98
6) Chloroethane	2.828	64	63841	50.338	ug/l	98
7) Trichlorofluoromethane	3.164	101	79094	51.941	ug/l	99
8) Diethyl Ether	3.587	74	29276	51.084	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.958	101	47322	48.254	ug/l	96
10) Methyl Iodide	4.158	142	57261	49.250	ug/l	92
11) Tert butyl alcohol	5.052	59	25671	282.722	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	46903	48.834	ug/l	88
13) Acrolein	3.793	56	25943	265.264	ug/l	93
14) Allyl chloride	4.552	41	79422	45.216	ug/l #	88
15) Acrylonitrile	5.252	53	87087	295.518	ug/l	98
16) Acetone	4.017	43	60076	240.062	ug/l #	85
17) Carbon Disulfide	4.264	76	123388	47.018	ug/l	98
18) Methyl Acetate	4.564	43	73480	63.714	ug/l #	83
19) Methyl tert-butyl Ether	5.322	73	136833	52.083	ug/l	96
20) Methylene Chloride	4.787	84	61132	42.401	ug/l #	80
21) trans-1,2-Dichloroethene	5.311	96	53977	48.623	ug/l	87
22) Diisopropyl ether	6.216	45	182308	48.000	ug/l #	91
23) Vinyl Acetate	6.158	43	470277	249.800	ug/l #	87
24) 1,1-Dichloroethane	6.111	63	106686	50.302	ug/l	97
25) 2-Butanone	7.075	43	108531	280.395	ug/l #	75
26) 2,2-Dichloropropane	7.075	77	76990	42.104	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	67505	50.245	ug/l	87
28) Bromochloromethane	7.422	49	29604	48.384	ug/l #	76
29) Tetrahydrofuran	7.440	42	72444	291.236	ug/l #	76
30) Chloroform	7.593	83	108471	51.652	ug/l	95
31) Cyclohexane	7.875	56	77986	47.823	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	86836	51.153	ug/l	96
36) 1,1-Dichloropropene	8.005	75	74599	48.081	ug/l	96
37) Ethyl Acetate	7.169	43	48688	54.154	ug/l #	91
38) Carbon Tetrachloride	7.993	117	71140	51.300	ug/l	99
39) Methylcyclohexane	9.269	83	82679	45.409	ug/l	88
40) Benzene	8.252	78	226835	47.942	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	24135	47.539	ug/l #	78
42) 1,2-Dichloroethane	8.322	62	69431	54.308	ug/l	97
43) Isopropyl Acetate	8.363	43	90506	53.173	ug/l #	74
44) Trichloroethene	9.028	130	62758	49.170	ug/l	93
45) 1,2-Dichloropropane	9.304	63	62419	48.656	ug/l	92
46) Dibromomethane	9.393	93	36942	53.755	ug/l	94
47) Bromodichloromethane	9.587	83	81252	49.407	ug/l	98
48) Methyl methacrylate	9.381	41	44687	57.281	ug/l #	70
49) 1,4-Dioxane	9.381	88	10345	1256.387	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	251749	289.343	ug/l #	85
52) Toluene	10.334	92	145069	48.860	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	82403	49.379	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	95304	48.170	ug/l #	84
55) 1,1,2-Trichloroethane	10.734	97	51611	53.690	ug/l	94
56) Ethyl methacrylate	10.599	69	69135	55.081	ug/l #	75
57) 1,3-Dichloropropane	10.881	76	86388	52.489	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	140669	264.349	ug/l	92
59) 2-Hexanone	10.922	43	176196	291.125	ug/l	83
60) Dibromochloromethane	11.075	129	61347	54.837	ug/l	96
61) 1,2-Dibromoethane	11.181	107	51477	57.045	ug/l	96
64) Tetrachloroethene	10.810	164	52805	51.289	ug/l	96
65) Chlorobenzene	11.604	112	161938	49.696	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	62362	53.513	ug/l	98
67) Ethyl Benzene	11.681	91	288740	50.008	ug/l	95
68) m/p-Xylenes	11.793	106	223971	99.371	ug/l	91
69) o-Xylene	12.122	106	111878	52.145	ug/l	96
70) Styrene	12.134	104	190426	51.380	ug/l	95
71) Bromoform	12.298	173	41165	58.832	ug/l #	99
73) Isopropylbenzene	12.422	105	277083	45.759	ug/l	98
74) N-amyl acetate	12.234	43	83036	46.841	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.669	83	66987	53.610	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	36222m	40.580	ug/l	
77) Bromobenzene	12.698	156	74023	49.550	ug/l	93
78) n-propylbenzene	12.763	91	340389	45.526	ug/l	96
79) 2-Chlorotoluene	12.845	91	190073	46.295	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	228464	46.200	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	18582	45.616	ug/l	87
82) 4-Chlorotoluene	12.945	91	195981	45.963	ug/l	96
83) tert-Butylbenzene	13.163	119	203005	46.201	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	231627	46.480	ug/l	98
85) sec-Butylbenzene	13.345	105	302155	46.339	ug/l	96
86) p-Isopropyltoluene	13.457	119	252872	46.412	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	139430	47.515	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	136241	46.552	ug/l	97
89) n-Butylbenzene	13.787	91	236861	44.571	ug/l	98
90) Hexachloroethane	14.051	117	46415	46.164	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	122569	47.799	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10346	55.010	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	78292	45.813	ug/l	98
94) Hexachlorobutadiene	15.204	225	37769	45.459	ug/l	99
95) Naphthalene	15.334	128	177536	51.952	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	73103	49.099	ug/l	97

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

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