

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078202.D
 Acq On : 23 Jan 2024 10:47
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 24 00:17:10 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/24/2024
 Supervised By :Semsettin Yesilyurt 01/24/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	137453	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	248233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	226559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75023	47.811	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.620%		
35) Dibromofluoromethane	7.811	113	77467	47.418	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.840%		
50) Toluene-d8	10.275	98	300396	46.437	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.880%		
62) 4-Bromofluorobenzene	12.575	95	88493	47.171	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	63958	47.308	ug/l	97
3) Chloromethane	2.152	50	111123	49.841	ug/l	99
4) Vinyl Chloride	2.293	62	146076	44.816	ug/l	98
5) Bromomethane	2.699	94	107204	45.069	ug/l	98
6) Chloroethane	2.846	64	109179	47.953	ug/l	99
7) Trichlorofluoromethane	3.187	101	139290	46.982	ug/l	98
8) Diethyl Ether	3.599	74	40430	49.193	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.970	101	83440	48.592	ug/l	95
10) Methyl Iodide	4.170	142	82883	48.151	ug/l	# 88
11) Tert butyl alcohol	5.058	59	18032	233.422	ug/l	97
12) 1,1-Dichloroethene	3.946	96	81105	47.680	ug/l	85
13) Acrolein	3.805	56	38193	215.368	ug/l	100
14) Allyl chloride	4.569	41	105632	47.079	ug/l	89
15) Acrylonitrile	5.264	53	90251	244.715	ug/l	97
16) Acetone	4.028	43	107119	284.915	ug/l	# 82
17) Carbon Disulfide	4.281	76	257454	46.676	ug/l	96
18) Methyl Acetate	4.569	43	66104	48.965	ug/l	92
19) Methyl tert-butyl Ether	5.328	73	177376	50.005	ug/l	98
20) Methylene Chloride	4.811	84	95445	50.159	ug/l	# 88
21) trans-1,2-Dichloroethene	5.328	96	97521	49.614	ug/l	98
22) Diisopropyl ether	6.222	45	248474	52.334	ug/l	# 94
23) Vinyl Acetate	6.164	43	576753	246.561	ug/l	# 91
24) 1,1-Dichloroethane	6.116	63	163583	49.862	ug/l	96
25) 2-Butanone	7.087	43	125829	254.691	ug/l	# 85
26) 2,2-Dichloropropane	7.081	77	134986	49.117	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	108163	51.227	ug/l	92
28) Bromochloromethane	7.434	49	63099	49.313	ug/l	# 75
29) Tetrahydrofuran	7.446	42	66637	257.412	ug/l	# 84
30) Chloroform	7.599	83	170399	51.072	ug/l	94
31) Cyclohexane	7.887	56	136214	46.949	ug/l	88
32) 1,1,1-Trichloroethane	7.799	97	145906	50.625	ug/l	99
36) 1,1-Dichloropropene	8.016	75	132234	49.221	ug/l	97
37) Ethyl Acetate	7.169	43	46543	46.536	ug/l	# 91
38) Carbon Tetrachloride	7.999	117	127242	47.956	ug/l	98
39) Methylcyclohexane	9.275	83	157968	49.720	ug/l	97
40) Benzene	8.258	78	383437	50.294	ug/l	100

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41) Methacrylonitrile	7.399	41	31122	56.671	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	95595	48.191	ug/l	95
43) Isopropyl Acetate	8.363	43	88596	48.351	ug/l #	92
44) Trichloroethene	9.034	130	94678	48.542	ug/l	99
45) 1,2-Dichloropropane	9.305	63	94675	50.044	ug/l	97
46) Dibromomethane	9.399	93	51287	49.365	ug/l	89
47) Bromodichloromethane	9.587	83	130665	50.067	ug/l	95
48) Methyl methacrylate	9.381	41	53596	50.523	ug/l #	78
49) 1,4-Dioxane	9.387	88	10028	997.540	ug/l #	90
51) 4-Methyl-2-Pentanone	10.163	43	234768	243.824	ug/l	90
52) Toluene	10.340	92	246794	51.069	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	119101	49.467	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	146425	50.731	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	69234	49.802	ug/l	93
56) Ethyl methacrylate	10.599	69	58551	51.451	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	117745	49.526	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	165054	242.026	ug/l	95
59) 2-Hexanone	10.922	43	187486	239.618	ug/l	85
60) Dibromochloromethane	11.075	129	82191	50.147	ug/l	95
61) 1,2-Dibromoethane	11.181	107	63884	49.853	ug/l	100
64) Tetrachloroethene	10.810	164	72820	49.157	ug/l #	89
65) Chlorobenzene	11.610	112	251859	50.323	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	89086	49.810	ug/l	99
67) Ethyl Benzene	11.687	91	466541	51.225	ug/l	95
68) m/p-Xylenes	11.793	106	358377	103.028	ug/l	90
69) o-Xylene	12.122	106	164336	52.058	ug/l	89
70) Styrene	12.134	104	256023	54.123	ug/l	97
71) Bromoform	12.304	173	43364	48.959	ug/l #	100
73) Isopropylbenzene	12.422	105	437561	50.505	ug/l	96
74) N-amyl acetate	12.234	43	79673	48.066	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	77357	47.985	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	54570m	51.635	ug/l	
77) Bromobenzene	12.698	156	92676	48.790	ug/l	85
78) n-propylbenzene	12.763	91	544022	50.628	ug/l	96
79) 2-Chlorotoluene	12.851	91	286468	49.957	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	358454	49.898	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	24465	49.865	ug/l	94
82) 4-Chlorotoluene	12.951	91	308485	51.035	ug/l	93
83) tert-Butylbenzene	13.169	119	307624	51.226	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	374121	51.494	ug/l	95
85) sec-Butylbenzene	13.345	105	461718	50.777	ug/l	94
86) p-Isopropyltoluene	13.463	119	408950	51.681	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	197960	50.335	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	193160	49.714	ug/l	97
89) n-Butylbenzene	13.787	91	393056	51.025	ug/l	96
90) Hexachloroethane	14.051	117	75887	48.889	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	165154	49.940	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10130	43.971	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	100704	49.262	ug/l	96
94) Hexachlorobutadiene	15.204	225	50370	50.990	ug/l	96
95) Naphthalene	15.328	128	191515	50.108	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	84994	49.556	ug/l	98

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

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