

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078217.D
 Acq On : 24 Jan 2024 11:38
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 00:24:58 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	131016	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	239006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	216091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	104396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	79724	53.303	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.600%			
35) Dibromofluoromethane	7.810	113	82542	52.475	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.940%			
50) Toluene-d8	10.275	98	325573	52.272	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.540%			
62) 4-Bromofluorobenzene	12.575	95	95080	52.639	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	67849	53.285	ug/l	99
3) Chloromethane	2.152	50	114198	54.125	ug/l	100
4) Vinyl Chloride	2.293	62	148025	47.645	ug/l	97
5) Bromomethane	2.705	94	105555	46.556	ug/l	98
6) Chloroethane	2.846	64	103554	47.717	ug/l	98
7) Trichlorofluoromethane	3.187	101	142689	50.493	ug/l	98
8) Diethyl Ether	3.599	74	43236	55.192	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.975	101	86696	52.969	ug/l	93
10) Methyl Iodide	4.175	142	86539	52.746	ug/l	# 89
11) Tert butyl alcohol	5.063	59	20368	276.615	ug/l	# 73
12) 1,1-Dichloroethene	3.952	96	84620	52.191	ug/l	# 83
13) Acrolein	3.799	56	34416	203.604	ug/l	100
14) Allyl chloride	4.569	41	113566	53.101	ug/l	# 90
15) Acrylonitrile	5.257	53	97595	277.630	ug/l	97
16) Acetone	4.022	43	93486	258.121	ug/l	88
17) Carbon Disulfide	4.281	76	262629	49.953	ug/l	# 94
18) Methyl Acetate	4.569	43	74088	57.575	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	187828	55.553	ug/l	98
20) Methylene Chloride	4.805	84	97311	53.989	ug/l	# 84
21) trans-1,2-Dichloroethene	5.322	96	99184	52.939	ug/l	93
22) Diisopropyl ether	6.222	45	257454	56.890	ug/l	93
23) Vinyl Acetate	6.157	43	605407m	271.526	ug/l	
24) 1,1-Dichloroethane	6.116	63	167719	53.635	ug/l	95
25) 2-Butanone	7.081	43	122983	261.433	ug/l	# 87
26) 2,2-Dichloropropane	7.081	77	139112	53.105	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	108352	53.838	ug/l	91
28) Bromochloromethane	7.434	49	61990	50.827	ug/l	# 77
29) Tetrahydrofuran	7.451	42	68795	278.804	ug/l	88
30) Chloroform	7.604	83	171817	54.027	ug/l	92
31) Cyclohexane	7.881	56	139270	50.361	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	146231	53.230	ug/l	98
36) 1,1-Dichloropropene	8.010	75	133488	51.605	ug/l	97
37) Ethyl Acetate	7.175	43	49663	51.573	ug/l	98
38) Carbon Tetrachloride	7.999	117	131279	51.388	ug/l	95
39) Methylcyclohexane	9.275	83	162354	53.073	ug/l	92
40) Benzene	8.257	78	385812	52.559	ug/l	98

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Quant Time: Jan 25 00:24:58 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)
41) Methacrylonitrile	7.404	41	29782	56.325	ug/l	88
42) 1,2-Dichloroethane	8.328	62	101180	52.976	ug/l	94
43) Isopropyl Acetate	8.363	43	94550	53.593	ug/l #	91
44) Trichloroethene	9.034	130	95792	51.009	ug/l	90
45) 1,2-Dichloropropane	9.310	63	95983	52.695	ug/l	96
46) Dibromomethane	9.398	93	51879	51.863	ug/l #	88
47) Bromodichloromethane	9.587	83	131428	52.304	ug/l	98
48) Methyl methacrylate	9.387	41	53997	52.866	ug/l #	82
49) 1,4-Dioxane	9.387	88	10065	1039.874	ug/l #	75
51) 4-Methyl-2-Pentanone	10.163	43	252747	272.630	ug/l	91
52) Toluene	10.334	92	247128	53.113	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	126630	54.625	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	152685	54.942	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	71118	53.132	ug/l	97
56) Ethyl methacrylate	10.598	69	62366	56.919	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	121050	52.882	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	192398	293.013	ug/l	92
59) 2-Hexanone	10.922	43	189269	251.235	ug/l	87
60) Dibromochloromethane	11.075	129	84743	53.700	ug/l	97
61) 1,2-Dibromoethane	11.181	107	66381	53.801	ug/l	99
64) Tetrachloroethene	10.810	164	71323	50.479	ug/l	90
65) Chlorobenzene	11.610	112	250849	52.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	90676	53.155	ug/l	96
67) Ethyl Benzene	11.687	91	474224	54.591	ug/l	95
68) m/p-Xylenes	11.792	106	362450	109.247	ug/l	90
69) o-Xylene	12.122	106	163210	54.206	ug/l	88
70) Styrene	12.139	104	249985	55.407	ug/l	94
71) Bromoform	12.298	173	43414	51.390	ug/l #	99
73) Isopropylbenzene	12.422	105	438925	53.473	ug/l	96
74) N-amyl acetate	12.234	43	85218	54.264	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	80917	52.978	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	56862m	56.789	ug/l	
77) Bromobenzene	12.704	156	92412	51.349	ug/l	80
78) n-propylbenzene	12.763	91	547551	53.783	ug/l	94
79) 2-Chlorotoluene	12.851	91	283614	52.203	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	363278	53.375	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	26522	57.056	ug/l	93
82) 4-Chlorotoluene	12.951	91	299915	52.369	ug/l	96
83) tert-Butylbenzene	13.169	119	305141	53.631	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	369179	53.633	ug/l	95
85) sec-Butylbenzene	13.345	105	463127	53.757	ug/l	95
86) p-Isopropyltoluene	13.463	119	406731	54.252	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	197671	53.050	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	189249	51.410	ug/l	96
89) n-Butylbenzene	13.786	91	398777	54.640	ug/l	96
90) Hexachloroethane	14.051	117	77406	52.634	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	165891	52.945	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11237	51.482	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	101307	52.306	ug/l	97
94) Hexachlorobutadiene	15.204	225	49922	53.339	ug/l	98
95) Naphthalene	15.333	128	200679	55.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	88100	54.216	ug/l	97

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

