

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078215.D
 Acq On : 23 Jan 2024 18:23
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 00:24:38 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	117337	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	223865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	210399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68048	50.800	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.600%		
35) Dibromofluoromethane	7.810	113	71113	48.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.540%		
50) Toluene-d8	10.269	98	281820	48.308	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.620%		
62) 4-Bromofluorobenzene	12.575	95	84077	49.696	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	51862	44.656	ug/l	91
3) Chloromethane	2.152	50	96726	50.919	ug/l	97
4) Vinyl Chloride	2.287	62	123178	44.270	ug/l	94
5) Bromomethane	2.699	94	92331	45.471	ug/l	99
6) Chloroethane	2.840	64	90622	46.626	ug/l	97
7) Trichlorofluoromethane	3.181	101	109965	43.449	ug/l	96
8) Diethyl Ether	3.599	74	37034	52.786	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.969	101	67530	46.069	ug/l	94
10) Methyl Iodide	4.169	142	77572	52.792	ug/l	# 90
11) Tert butyl alcohol	5.040	59	14886	225.733	ug/l	100
12) 1,1-Dichloroethene	3.952	96	68751	47.347	ug/l	# 77
13) Acrolein	3.805	56	37710	249.099	ug/l	99
14) Allyl chloride	4.569	41	95653	49.940	ug/l	88
15) Acrylonitrile	5.257	53	81828	259.914	ug/l	99
16) Acetone	4.022	43	72586	219.443	ug/l	88
17) Carbon Disulfide	4.281	76	220038	46.732	ug/l	100
18) Methyl Acetate	4.569	43	62271	54.034	ug/l	90
19) Methyl tert-butyl Ether	5.328	73	155208	51.257	ug/l	92
20) Methylene Chloride	4.805	84	88330	54.784	ug/l	# 85
21) trans-1,2-Dichloroethene	5.322	96	83173	49.568	ug/l	88
22) Diisopropyl ether	6.216	45	222969	55.013	ug/l	92
23) Vinyl Acetate	6.163	43	519826m	260.323	ug/l	
24) 1,1-Dichloroethane	6.122	63	147004	52.491	ug/l	95
25) 2-Butanone	7.081	43	99667	235.548	ug/l	# 80
26) 2,2-Dichloropropane	7.081	77	113548	48.400	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	95578	53.027	ug/l	90
28) Bromochloromethane	7.428	49	60042	54.969	ug/l	# 74
29) Tetrahydrofuran	7.440	42	57946	262.214	ug/l	# 86
30) Chloroform	7.598	83	153659	53.950	ug/l	96
31) Cyclohexane	7.881	56	113049	45.645	ug/l	88
32) 1,1,1-Trichloroethane	7.798	97	121880	49.538	ug/l	99
36) 1,1-Dichloropropene	8.010	75	113264	46.749	ug/l	96
37) Ethyl Acetate	7.175	43	41910	46.465	ug/l	# 73
38) Carbon Tetrachloride	7.998	117	108502	45.344	ug/l	93
39) Methylcyclohexane	9.275	83	131021	45.727	ug/l	96
40) Benzene	8.251	78	349751	50.869	ug/l	97

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41) Methacrylonitrile	7.404	41	24242	48.948	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	90578	50.633	ug/l	93
43) Isopropyl Acetate	8.363	43	80314	48.603	ug/l	90
44) Trichloroethene	9.034	130	82347	46.815	ug/l	84
45) 1,2-Dichloropropane	9.304	63	86016	50.417	ug/l	98
46) Dibromomethane	9.393	93	45917	49.008	ug/l #	86
47) Bromodichloromethane	9.587	83	117145	49.773	ug/l	95
48) Methyl methacrylate	9.381	41	47488	49.638	ug/l #	79
49) 1,4-Dioxane	9.387	88	8072	890.370	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	209462	241.221	ug/l	89
52) Toluene	10.334	92	213516	48.993	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	108721	50.071	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	132462	50.889	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	61399	48.974	ug/l	97
56) Ethyl methacrylate	10.598	69	52385	51.043	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	104937	48.943	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	156950	255.194	ug/l	92
59) 2-Hexanone	10.922	43	150987	213.975	ug/l	88
60) Dibromochloromethane	11.075	129	74082	50.119	ug/l	97
61) 1,2-Dibromoethane	11.181	107	57689	49.919	ug/l	98
64) Tetrachloroethene	10.810	164	62789	45.641	ug/l #	88
65) Chlorobenzene	11.610	112	224849	48.377	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	80269	48.327	ug/l	98
67) Ethyl Benzene	11.687	91	413078	48.839	ug/l	95
68) m/p-Xylenes	11.792	106	313686	97.107	ug/l	89
69) o-Xylene	12.122	106	145015	49.466	ug/l	89
70) Styrene	12.134	104	226034	51.454	ug/l	95
71) Bromoform	12.298	173	37940	46.126	ug/l #	98
73) Isopropylbenzene	12.422	105	384328	49.113	ug/l	95
74) N-amyl acetate	12.234	43	72044	48.120	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	68986	47.377	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	46450m	48.661	ug/l	
77) Bromobenzene	12.704	156	83781	48.832	ug/l	84
78) n-propylbenzene	12.763	91	471268	48.556	ug/l	96
79) 2-Chlorotoluene	12.851	91	251699	48.596	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	324696	50.041	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	21415	48.324	ug/l	92
82) 4-Chlorotoluene	12.945	91	274310	50.243	ug/l	92
83) tert-Butylbenzene	13.169	119	270238	49.821	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	331062	50.449	ug/l	95
85) sec-Butylbenzene	13.345	105	400909	48.813	ug/l	94
86) p-Isopropyltoluene	13.457	119	354219	49.560	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	171460	48.268	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	170624	48.619	ug/l	97
89) n-Butylbenzene	13.786	91	344887	49.568	ug/l	96
90) Hexachloroethane	14.051	117	67678	48.272	ug/l	82
91) 1,2-Dichlorobenzene	13.833	146	145859	48.830	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9190	44.164	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	85254	46.172	ug/l	98
94) Hexachlorobutadiene	15.204	225	42601	47.745	ug/l	97
95) Naphthalene	15.327	128	163401	47.332	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	71162	45.936	ug/l	95

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

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