

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072024.D
 Acq On : 21 Feb 2022 09:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 22 00:32:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/22/2022
 Supervised By : Mahesh Dadoda 02/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	537236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	856502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	778478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	364318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	263861	47.349	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.700%		
35) Dibromofluoromethane	7.908	113	258127	49.742	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.480%		
50) Toluene-d8	10.338	98	1030111	53.529	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	107.060%		
62) 4-Bromofluorobenzene	12.626	95	353022	49.940	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	235845	46.561	ug/l	99
3) Chloromethane	2.209	50	228324	49.794	ug/l	99
4) Vinyl Chloride	2.356	62	229046	50.089	ug/l	95
5) Bromomethane	2.773	94	161562	56.744	ug/l	99
6) Chloroethane	2.926	64	145262	50.258	ug/l	97
7) Trichlorofluoromethane	3.279	101	434758	49.142	ug/l	94
8) Diethyl Ether	3.709	74	122544	48.590	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	272743	49.344	ug/l	99
10) Methyl Iodide	4.303	142	284646	46.876	ug/l	100
11) Tert butyl alcohol	5.214	59	69714	219.253	ug/l #	87
12) 1,1-Dichloroethene	4.073	96	247837	50.481	ug/l	96
13) Acrolein	3.920	56	116261	185.426	ug/l	99
14) Allyl chloride	4.714	41	438857	51.006	ug/l	98
15) Acrylonitrile	5.420	53	315437	231.416	ug/l	100
16) Acetone	4.156	43	355687	295.331	ug/l	97
17) Carbon Disulfide	4.414	76	704128	51.505	ug/l	97
18) Methyl Acetate	4.720	43	132590	43.167	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	604529	50.617	ug/l	99
20) Methylene Chloride	4.961	84	277239	46.253	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	278981	50.573	ug/l	96
22) Diisopropyl ether	6.361	45	889773	49.524	ug/l	98
23) Vinyl Acetate	6.303	43	2481066	258.590	ug/l	99
24) 1,1-Dichloroethane	6.267	63	522617	48.895	ug/l	98
25) 2-Butanone	7.208	43	419205	251.839	ug/l	100
26) 2,2-Dichloropropane	7.208	77	446646	52.220	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	321176	50.816	ug/l	99
28) Bromochloromethane	7.544	49	214810	47.143	ug/l	99
29) Tetrahydrofuran	7.561	42	249592	234.945	ug/l	99
30) Chloroform	7.708	83	535032	48.754	ug/l	99
31) Cyclohexane	7.985	56	482972	49.067	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	473037	50.089	ug/l	98
36) 1,1-Dichloropropene	8.114	75	410856	52.268	ug/l	99
37) Ethyl Acetate	7.291	43	172312	47.272	ug/l	98
38) Carbon Tetrachloride	8.097	117	417415	51.809	ug/l	99
39) Methylcyclohexane	9.349	83	499691	54.314	ug/l	97
40) Benzene	8.350	78	1131472	51.011	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	102089	45.164	ug/l	100
42) 1,2-Dichloroethane	8.420	62	320925	48.234	ug/l	99
43) Isopropyl Acetate	8.450	43	327505	48.249	ug/l	99
44) Trichloroethene	9.108	130	307658	50.891	ug/l	95
45) 1,2-Dichloropropane	9.385	63	288625	48.782	ug/l	94
46) Dibromomethane	9.473	93	153243	49.079	ug/l	97
47) Bromodichloromethane	9.655	83	398989	49.536	ug/l	98
48) Methyl methacrylate	9.449	41	162936	47.519	ug/l	95
49) 1,4-Dioxane	9.455	88	34807	939.702	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	870766	242.057	ug/l	100
52) Toluene	10.396	92	731622	51.542	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	375688	51.001	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	441188	50.604	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	210136	47.823	ug/l	97
56) Ethyl methacrylate	10.655	69	271023	51.650	ug/l	96
57) 1,3-Dichloropropane	10.938	76	372124	48.999	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	571463	243.436	ug/l	99
59) 2-Hexanone	10.979	43	634387	258.542	ug/l	100
60) Dibromochloromethane	11.138	129	265288	48.347	ug/l	98
61) 1,2-Dibromoethane	11.238	107	201218	47.921	ug/l	100
64) Tetrachloroethene	10.873	164	253445	51.568	ug/l	98
65) Chlorobenzene	11.661	112	773914	51.295	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	282871	50.515	ug/l	99
67) Ethyl Benzene	11.738	91	1419246	53.496	ug/l	100
68) m/p-Xylenes	11.849	106	1092012	107.525	ug/l	100
69) o-Xylene	12.173	106	511828	53.574	ug/l	98
70) Styrene	12.185	104	877634	53.530	ug/l	99
71) Bromoform	12.349	173	154000	47.951	ug/l	100
73) Isopropylbenzene	12.473	105	1406514	56.228	ug/l	100
74) N-amyl acetate	12.279	43	306290	50.709	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	237621	48.047	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	190995m	55.346	ug/l	
77) Bromobenzene	12.755	156	306105	52.256	ug/l	98
78) n-propylbenzene	12.814	91	1706229	55.495	ug/l	100
79) 2-Chlorotoluene	12.896	91	960134	53.955	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1164512	55.752	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	72594	52.679	ug/l	98
82) 4-Chlorotoluene	12.996	91	996966	53.830	ug/l	100
83) tert-Butylbenzene	13.214	119	1013065	56.450	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1136136	55.332	ug/l	100
85) sec-Butylbenzene	13.390	105	1532993	56.076	ug/l	100
86) p-Isopropyltoluene	13.508	119	1267207	56.358	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	616711	52.082	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	614620	51.657	ug/l	98
89) n-Butylbenzene	13.832	91	1213082	56.736	ug/l	100
90) Hexachloroethane	14.102	117	237377	52.595	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	531032	51.139	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	38215	49.601	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	341233	53.498	ug/l	98
94) Hexachlorobutadiene	15.249	225	191108	54.488	ug/l	98
95) Naphthalene	15.384	128	625410	54.013	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	292703	53.202	ug/l	99

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

