

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072354.D
 Acq On : 22 Mar 2022 10:22
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 23 01:09:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	354526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	557012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	519933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	270102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	201755	51.064	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.120%			
35) Dibromofluoromethane	7.914	113	199968	51.016	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.040%			
50) Toluene-d8	10.332	98	718865	50.156	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.626	95	266548	47.863	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	154159	47.012	ug/l	97
3) Chloromethane	2.209	50	158346	54.342	ug/l	99
4) Vinyl Chloride	2.350	62	162097	57.631	ug/l	98
5) Bromomethane	2.768	94	109231	59.639	ug/l	98
6) Chloroethane	2.920	64	111030	59.705	ug/l	98
7) Trichlorofluoromethane	3.273	101	323080	50.864	ug/l	98
8) Diethyl Ether	3.709	74	90295	51.471	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	208050	51.369	ug/l	97
10) Methyl Iodide	4.303	142	156793	43.514	ug/l	99
11) Tert butyl alcohol	5.214	59	54368	237.329	ug/l	98
12) 1,1-Dichloroethene	4.067	96	167588	51.433	ug/l	95
13) Acrolein	3.926	56	44492	217.655	ug/l	99
14) Allyl chloride	4.714	41	302545	53.107	ug/l	94
15) Acrylonitrile	5.420	53	234071	264.434	ug/l	99
16) Acetone	4.156	43	240363	280.196	ug/l	95
17) Carbon Disulfide	4.414	76	390951	51.402	ug/l	100
18) Methyl Acetate	4.714	43	109810	52.235	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	462841	52.262	ug/l	99
20) Methylene Chloride	4.962	84	226461	53.828	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	194797	54.051	ug/l	96
22) Diisopropyl ether	6.361	45	706316	54.356	ug/l	93
23) Vinyl Acetate	6.303	43	1874269	282.627	ug/l	96
24) 1,1-Dichloroethane	6.261	63	404454	52.777	ug/l	98
25) 2-Butanone	7.203	43	318197	278.200	ug/l	92
26) 2,2-Dichloropropane	7.208	77	346583	50.124	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	243198	52.857	ug/l	95
28) Bromochloromethane	7.538	49	175288	56.817	ug/l	87
29) Tetrahydrofuran	7.555	42	188179	279.799	ug/l	95
30) Chloroform	7.708	83	426397	52.228	ug/l	96
31) Cyclohexane	7.985	56	327561	53.065	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	373116	51.457	ug/l	97
36) 1,1-Dichloropropene	8.108	75	299953	54.548	ug/l	97
37) Ethyl Acetate	7.291	43	131092	54.423	ug/l #	97
38) Carbon Tetrachloride	8.097	117	325007	51.996	ug/l	100
39) Methylcyclohexane	9.350	83	334378	54.038	ug/l	97
40) Benzene	8.350	78	853351	54.396	ug/l	99

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41) Methacrylonitrile	7.514	41	67212m	47.873	ug/l	
42) 1,2-Dichloroethane	8.420	62	264374	55.554	ug/l	99
43) Isopropyl Acetate	8.450	43	250460	53.571	ug/l #	94
44) Trichloroethene	9.108	130	228665	51.921	ug/l	94
45) 1,2-Dichloropropane	9.379	63	233513	54.275	ug/l	96
46) Dibromomethane	9.467	93	119124	56.287	ug/l	96
47) Bromodichloromethane	9.655	83	327093	53.016	ug/l #	99
48) Methyl methacrylate	9.450	41	130903	58.638	ug/l	92
49) 1,4-Dioxane	9.455	88	28925	1139.731	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	698335	284.391	ug/l	96
52) Toluene	10.397	92	559077	54.159	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	301155	53.426	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	358101	54.954	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	172995	53.659	ug/l	97
56) Ethyl methacrylate	10.655	69	207242	54.881	ug/l	90
57) 1,3-Dichloropropane	10.938	76	297439	54.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	450514	265.338	ug/l	100
59) 2-Hexanone	10.979	43	502360	296.207	ug/l	97
60) Dibromochloromethane	11.132	129	217808	52.064	ug/l	100
61) 1,2-Dibromoethane	11.238	107	157446	54.045	ug/l	100
64) Tetrachloroethene	10.873	164	188840	51.549	ug/l	96
65) Chlorobenzene	11.661	112	603075	52.320	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	234082	51.355	ug/l	99
67) Ethyl Benzene	11.738	91	1092772	53.080	ug/l	99
68) m/p-Xylenes	11.844	106	846048	108.227	ug/l	98
69) o-Xylene	12.173	106	396647	53.046	ug/l	97
70) Styrene	12.185	104	705365	54.021	ug/l	97
71) Bromoform	12.349	173	125506	51.546	ug/l #	98
73) Isopropylbenzene	12.473	105	1104151	51.586	ug/l	99
74) N-amyl acetate	12.279	43	251513	54.679	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	198392	51.825	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	156012m	52.362	ug/l	
77) Bromobenzene	12.749	156	242433	50.323	ug/l	95
78) n-propylbenzene	12.814	91	1370772	52.725	ug/l	99
79) 2-Chlorotoluene	12.902	91	773208	51.432	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	930869	50.623	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	63403	52.798	ug/l	91
82) 4-Chlorotoluene	12.996	91	802259	51.539	ug/l	100
83) tert-Butylbenzene	13.214	119	813824	50.481	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	926898	51.158	ug/l	99
85) sec-Butylbenzene	13.390	105	1239493	51.198	ug/l	100
86) p-Isopropyltoluene	13.502	119	1016866	51.043	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	497996	49.323	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	499404	49.881	ug/l	99
89) n-Butylbenzene	13.832	91	982207	51.726	ug/l	99
90) Hexachloroethane	14.102	117	195354	50.032	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	442921	50.315	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	31701	51.889	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	278073	47.713	ug/l	99
94) Hexachlorobutadiene	15.255	225	158200	46.665	ug/l	100
95) Naphthalene	15.384	128	500072	49.777	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	243008	48.171	ug/l	99

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

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