

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072147.D
 Acq On : 11 Mar 2022 13:04
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 14 01:27:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 01:23:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/16/2022
 Supervised By :Semsettin Yesilyurt 03/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	427855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	671895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	628139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	312363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	453306	86.621	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 173.240%#			
35) Dibromofluoromethane	7.909	113	448584	101.837	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 203.680%#			
50) Toluene-d8	10.338	98	1693444	103.084	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 206.160%#			
62) 4-Bromofluorobenzene	12.620	95	624174	106.874	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 213.740%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	388070	77.933	ug/l	99
3) Chloromethane	2.209	50	373843	64.908	ug/l	95
4) Vinyl Chloride	2.350	62	358307	59.963	ug/l	99
5) Bromomethane	2.756	94	222711	56.630	ug/l	98
6) Chloroethane	2.915	64	234444	61.893	ug/l	99
7) Trichlorofluoromethane	3.268	101	769139	85.423	ug/l	95
8) Diethyl Ether	3.709	74	217397	92.443	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	480972	93.233	ug/l	95
10) Methyl Iodide	4.297	142	458538	90.602	ug/l	98
11) Tert butyl alcohol	5.220	59	131361	343.831	ug/l	96
12) 1,1-Dichloroethene	4.068	96	413453	89.574	ug/l	90
13) Acrolein	3.921	56	115941	262.253	ug/l	99
14) Allyl chloride	4.715	41	725857	83.680	ug/l	94
15) Acrylonitrile	5.420	53	536918	454.243	ug/l	98
16) Acetone	4.150	43	527202	381.549	ug/l	95
17) Carbon Disulfide	4.409	76	978115	63.577	ug/l	100
18) Methyl Acetate	4.715	43	227065	74.363	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	1098634	99.293	ug/l	99
20) Methylene Chloride	4.962	84	496108	81.562	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	462979	86.403	ug/l	96
22) Diisopropyl ether	6.362	45	1582635	92.433	ug/l	94
23) Vinyl Acetate	6.303	43	4344614	466.480	ug/l #	94
24) 1,1-Dichloroethane	6.262	63	927741	91.979	ug/l	98
25) 2-Butanone	7.209	43	704410	430.536	ug/l	97
26) 2,2-Dichloropropane	7.209	77	830151	97.746	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	569112	97.305	ug/l	94
28) Bromochloromethane	7.544	49	376728	98.280	ug/l #	83
29) Tetrahydrofuran	7.561	42	420209	431.627	ug/l	92
30) Chloroform	7.709	83	963238	92.771	ug/l	99
31) Cyclohexane	7.985	56	786447	78.384	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	876367	95.021	ug/l	96
36) 1,1-Dichloropropene	8.109	75	704453	93.945	ug/l	97
37) Ethyl Acetate	7.285	43	291621	86.047	ug/l #	95
38) Carbon Tetrachloride	8.091	117	762720	101.099	ug/l	99
39) Methylcyclohexane	9.350	83	844030	97.254	ug/l	99
40) Benzene	8.350	78	1957623	96.467	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	181250	95.139	ug/l	88
42) 1,2-Dichloroethane	8.420	62	579681	91.942	ug/l	97
43) Isopropyl Acetate	8.450	43	583045	95.235	ug/l #	94
44) Trichloroethene	9.108	130	546615	102.390	ug/l	95
45) 1,2-Dichloropropane	9.379	63	522063	99.682	ug/l	98
46) Dibromomethane	9.473	93	262276	96.859	ug/l	93
47) Bromodichloromethane	9.656	83	730898	100.384	ug/l	98
48) Methyl methacrylate	9.450	41	299213	92.461	ug/l	93
49) 1,4-Dioxane	9.456	88	59115	1920.172	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	1531218	478.854	ug/l	94
52) Toluene	10.397	92	1295974	101.527	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	701620	105.481	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	810819	103.390	ug/l	91
55) 1,1,2-Trichloroethane	10.797	97	380754	103.944	ug/l	97
56) Ethyl methacrylate	10.655	69	494914	110.595	ug/l	88
57) 1,3-Dichloropropane	10.938	76	661305	102.188	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	1080260	520.244	ug/l	96
59) 2-Hexanone	10.979	43	1081606	472.214	ug/l	94
60) Dibromochloromethane	11.132	129	499050	109.607	ug/l	99
61) 1,2-Dibromoethane	11.238	107	358428	102.402	ug/l	98
64) Tetrachloroethene	10.873	164	444729	99.070	ug/l	96
65) Chlorobenzene	11.667	112	1387211	103.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	532364	107.557	ug/l	100
67) Ethyl Benzene	11.738	91	2579170	104.715	ug/l	100
68) m/p-Xylenes	11.850	106	1959638	209.172	ug/l	99
69) o-Xylene	12.173	106	939016	109.393	ug/l	97
70) Styrene	12.185	104	1614838	109.569	ug/l	98
71) Bromoform	12.349	173	292216	111.476	ug/l #	99
73) Isopropylbenzene	12.473	105	2592901	106.177	ug/l	99
74) N-amyl acetate	12.279	43	569824	98.971	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	427204	96.418	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	338921m	102.551	ug/l	
77) Bromobenzene	12.749	156	563779	104.168	ug/l	91
78) n-propylbenzene	12.808	91	3087860	101.655	ug/l	98
79) 2-Chlorotoluene	12.897	91	1754083	101.975	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	2131710	105.375	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	143207	107.529	ug/l	89
82) 4-Chlorotoluene	12.997	91	1812208	101.136	ug/l	99
83) tert-Butylbenzene	13.214	119	1884785	111.047	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	2093642	105.389	ug/l	99
85) sec-Butylbenzene	13.391	105	2812229	106.340	ug/l	98
86) p-Isopropyltoluene	13.502	119	2346742	109.217	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	1138686	103.279	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	1121770	101.880	ug/l	99
89) n-Butylbenzene	13.832	91	2248399	106.694	ug/l	98
90) Hexachloroethane	14.102	117	449588	105.510	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	990221	104.986	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	69024	94.565	ug/l	86
93) 1,2,4-Trichlorobenzene	15.143	180	673068	119.013	ug/l	100
94) Hexachlorobutadiene	15.249	225	368017	116.629	ug/l	98
95) Naphthalene	15.385	128	1222601	122.233	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	581476	120.439	ug/l	98

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

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