

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073139.D
 Acq On : 19 May 2022 14:33
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: May 19 14:44:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 14:25:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	354685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	586122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	555607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	367128	84.765	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 169.540%#	
35) Dibromofluoromethane	7.908	113	377542	92.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 185.640%#	
50) Toluene-d8	10.332	98	1447985	98.002	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 196.000%#	
62) 4-Bromofluorobenzene	12.620	95	509093	95.887	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 191.780%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	322446	74.212	ug/l	95
3) Chloromethane	2.209	50	366533	81.690	ug/l	97
4) Vinyl Chloride	2.350	62	348793	84.301	ug/l	97
5) Bromomethane	2.750	94	235191	80.077	ug/l	97
6) Chloroethane	2.915	64	221372	85.815	ug/l	97
7) Trichlorofluoromethane	3.268	101	631321	83.476	ug/l	99
8) Diethyl Ether	3.709	74	179380	87.094	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	377773	84.378	ug/l	97
10) Methyl Iodide	4.297	142	458833	101.141	ug/l	98
11) Tert butyl alcohol	5.214	59	145074	216.325	ug/l #	93
12) 1,1-Dichloroethene	4.067	96	356112	87.556	ug/l	89
13) Acrolein	3.920	56	114819	330.597	ug/l	99
14) Allyl chloride	4.709	41	592105	92.025	ug/l	92
15) Acrylonitrile	5.414	53	418217	429.607	ug/l	98
16) Acetone	4.156	43	325143	419.680	ug/l	95
17) Carbon Disulfide	4.409	76	1144294	84.511	ug/l	99
18) Methyl Acetate	4.715	43	188030	76.130	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	837022	89.220	ug/l	99
20) Methylene Chloride	4.962	84	420394	73.659	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	426632	88.490	ug/l	94
22) Diisopropyl ether	6.361	45	1232245	89.873	ug/l	92
23) Vinyl Acetate	6.303	43	3389902	461.364	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	741647	86.467	ug/l	99
25) 2-Butanone	7.203	43	504717	428.500	ug/l	93
26) 2,2-Dichloropropane	7.203	77	636854	87.399	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	478936	90.097	ug/l	92
28) Bromochloromethane	7.538	49	254461	86.370	ug/l #	82
29) Tetrahydrofuran	7.556	42	330012	438.128	ug/l	91
30) Chloroform	7.703	83	776535	84.829	ug/l	98
31) Cyclohexane	7.979	56	674898	85.803	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	684067	86.981	ug/l	96
36) 1,1-Dichloropropene	8.108	75	604383	91.426	ug/l	98
37) Ethyl Acetate	7.285	43	224481	82.609	ug/l #	96
38) Carbon Tetrachloride	8.091	117	604364	89.380	ug/l	98
39) Methylcyclohexane	9.350	83	717343	93.480	ug/l	98
40) Benzene	8.344	78	1695608	90.141	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	138076	91.710	ug/l #	91
42) 1,2-Dichloroethane	8.420	62	457233	84.098	ug/l	96
43) Isopropyl Acetate	8.444	43	448906	88.403	ug/l #	94
44) Trichloroethene	9.108	130	456061	89.153	ug/l	100
45) 1,2-Dichloropropane	9.379	63	424756	87.091	ug/l	100
46) Dibromomethane	9.467	93	229293	85.248	ug/l	97
47) Bromodichloromethane	9.655	83	589628	86.255	ug/l	99
48) Methyl methacrylate	9.450	41	231584	92.630	ug/l	91
49) 1,4-Dioxane	9.450	88	49744	1799.543	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	1157244	438.857	ug/l	93
52) Toluene	10.397	92	1110389	92.698	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	563348	90.756	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	657910	89.440	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	312246	85.258	ug/l	98
56) Ethyl methacrylate	10.655	69	390917	94.685	ug/l	87
57) 1,3-Dichloropropane	10.938	76	531439	85.237	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	872521	474.136	ug/l	95
59) 2-Hexanone	10.973	43	791119	454.384	ug/l	92
60) Dibromochloromethane	11.132	129	388719	85.362	ug/l	100
61) 1,2-Dibromoethane	11.238	107	302238	85.717	ug/l	99
64) Tetrachloroethene	10.867	164	365764	90.940	ug/l	96
65) Chlorobenzene	11.661	112	1151967	92.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	423757	89.189	ug/l	99
67) Ethyl Benzene	11.732	91	2127628	98.095	ug/l	98
68) m/p-Xylenes	11.844	106	1644438	194.965	ug/l	99
69) o-Xylene	12.167	106	773877	99.934	ug/l	95
70) Styrene	12.185	104	1317628	97.739	ug/l	98
71) Bromoform	12.349	173	220558	89.340	ug/l #	99
73) Isopropylbenzene	12.467	105	2064170	103.083	ug/l	100
74) N-amyl acetate	12.279	43	445686	97.347	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	344636	88.971	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	251863m	85.762	ug/l	
77) Bromobenzene	12.749	156	450600	95.225	ug/l	94
78) n-propylbenzene	12.808	91	2540768	101.188	ug/l	99
79) 2-Chlorotoluene	12.896	91	1429121	98.058	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1717656	100.945	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	118408	96.966	ug/l	86
82) 4-Chlorotoluene	12.991	91	1484030	96.115	ug/l	99
83) tert-Butylbenzene	13.208	119	1484156	102.938	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	1685175	99.946	ug/l	98
85) sec-Butylbenzene	13.385	105	2210530	100.929	ug/l	99
86) p-Isopropyltoluene	13.502	119	1807419	101.601	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	900358	92.582	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	883863	91.831	ug/l	99
89) n-Butylbenzene	13.826	91	1751032	101.307	ug/l	99
90) Hexachloroethane	14.096	117	355371	96.054	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	776393	92.019	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	52030	86.660	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	475734	98.890	ug/l	100
94) Hexachlorobutadiene	15.249	225	253791	94.528	ug/l	98
95) Naphthalene	15.379	128	900366	104.302	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	415219	97.343	ug/l	98

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

