

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010722\
 Data File : VD071645.D
 Acq On : 07 Jan 2022 12:57
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 07 13:09:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 13:04:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/10/2022
 Supervised By : Mahesh Dadoda 01/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	322031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	541349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	506127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	242075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	416326	101.006	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 202.020%#			
35) Dibromofluoromethane	7.914	113	368012	105.212	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 210.420%#			
50) Toluene-d8	10.338	98	1460020	110.570	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 221.140%#			
62) 4-Bromofluorobenzene	12.626	95	500970	109.582	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 219.160%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	229134	81.058	ug/l	97
3) Chloromethane	2.215	50	307461	82.971	ug/l	100
4) Vinyl Chloride	2.356	62	362084	87.009	ug/l	95
5) Bromomethane	2.762	94	248250	79.385	ug/l	99
6) Chloroethane	2.926	64	254956	86.866	ug/l	99
7) Trichlorofluoromethane	3.279	101	515463	87.681	ug/l	99
8) Diethyl Ether	3.709	74	142682	88.986	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.103	101	306607	89.863	ug/l	99
10) Methyl Iodide	4.303	142	345266	101.658	ug/l	100
11) Tert butyl alcohol	5.226	59	94616	269.346	ug/l	99
12) 1,1-Dichloroethene	4.073	96	266337	87.593	ug/l	94
13) Acrolein	3.920	56	191557	461.321	ug/l	99
14) Allyl chloride	4.715	41	564322	94.620	ug/l	99
15) Acrylonitrile	5.420	53	362572	440.944	ug/l	98
16) Acetone	4.150	43	454646	461.817	ug/l	98
17) Carbon Disulfide	4.415	76	692260	85.304	ug/l	98
18) Methyl Acetate	4.720	43	250665	80.090	ug/l	100
19) Methyl tert-butyl Ether	5.485	73	733236	93.125	ug/l	98
20) Methylene Chloride	4.967	84	328032	52.396	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	314879	90.144	ug/l	99
22) Diisopropyl ether	6.367	45	1224700	95.888	ug/l	99
23) Vinyl Acetate	6.309	43	3042024	504.740	ug/l	99
24) 1,1-Dichloroethane	6.267	63	668381	92.065	ug/l	97
25) 2-Butanone	7.208	43	525985	454.508	ug/l	97
26) 2,2-Dichloropropane	7.208	77	577538	94.787	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	375638	92.161	ug/l	98
28) Bromochloromethane	7.544	49	355176	105.361	ug/l	97
29) Tetrahydrofuran	7.561	42	312191	458.105	ug/l	99
30) Chloroform	7.708	83	679340	91.348	ug/l	93
31) Cyclohexane	7.985	56	541286	82.794	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	598536	91.672	ug/l	99
36) 1,1-Dichloropropene	8.114	75	486520	92.180	ug/l	99
37) Ethyl Acetate	7.297	43	220096	94.055	ug/l	95
38) Carbon Tetrachloride	8.103	117	507275	92.884	ug/l	99
39) Methylcyclohexane	9.355	83	541548	94.597	ug/l	96
40) Benzene	8.350	78	1371998	94.221	ug/l	98

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41) Methacrylonitrile	7.526	41	142630	95.330	ug/l	97
42) 1,2-Dichloroethane	8.420	62	446280	92.030	ug/l	98
43) Isopropyl Acetate	8.450	43	437025	94.300	ug/l	99
44) Trichloroethene	9.114	130	346934	94.100	ug/l	95
45) 1,2-Dichloropropane	9.385	63	367547	92.956	ug/l	100
46) Dibromomethane	9.473	93	183170	90.791	ug/l	97
47) Bromodichloromethane	9.661	83	530209	95.319	ug/l	99
48) Methyl methacrylate	9.450	41	228295	97.407	ug/l	92
49) 1,4-Dioxane	9.461	88	36223	1888.063	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	1143733	471.140	ug/l	100
52) Toluene	10.402	92	900733	96.661	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	473422	96.696	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	542866	94.952	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	249133	91.886	ug/l	97
56) Ethyl methacrylate	10.655	69	324240	96.856	ug/l	99
57) 1,3-Dichloropropane	10.938	76	453206	94.788	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	958910	547.015	ug/l	100
59) 2-Hexanone	10.979	43	830059	483.753	ug/l	100
60) Dibromochloromethane	11.138	129	324950	94.917	ug/l	98
61) 1,2-Dibromoethane	11.238	107	238467	95.532	ug/l	97
64) Tetrachloroethene	10.873	164	281171	88.971	ug/l	98
65) Chlorobenzene	11.667	112	934513	93.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	356741	96.527	ug/l	98
67) Ethyl Benzene	11.738	91	1815388	97.305	ug/l	99
68) m/p-Xylenes	11.849	106	1364995	196.281	ug/l	98
69) o-Xylene	12.173	106	651782	99.556	ug/l	98
70) Styrene	12.191	104	1121990	99.714	ug/l	100
71) Bromoform	12.355	173	177075	92.442	ug/l #	96
73) Isopropylbenzene	12.473	105	1772297	96.135	ug/l	98
74) N-amyl acetate	12.279	43	426873	94.921	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	282552	89.540	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	206100m	87.028	ug/l	
77) Bromobenzene	12.755	156	368628	93.216	ug/l	99
78) n-propylbenzene	12.814	91	2223006	95.773	ug/l	100
79) 2-Chlorotoluene	12.902	91	1234659	94.464	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1483167	97.067	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	82315	94.579	ug/l	92
82) 4-Chlorotoluene	12.996	91	1301591	94.613	ug/l	99
83) tert-Butylbenzene	13.214	119	1284898	98.706	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1481240	97.263	ug/l	100
85) sec-Butylbenzene	13.391	105	1945201	96.297	ug/l	99
86) p-Isopropyltoluene	13.508	119	1652894	99.685	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	774536	93.894	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	752859	92.355	ug/l	98
89) n-Butylbenzene	13.832	91	1614479	97.959	ug/l	99
90) Hexachloroethane	14.102	117	309328	96.011	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	655826	93.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	48282	89.138	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	386917	95.237	ug/l	99
94) Hexachlorobutadiene	15.255	225	214514	94.134	ug/l	99
95) Naphthalene	15.385	128	695733	95.060	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	323407	94.018	ug/l	99

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

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