

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012622\
 Data File : VD071788.D
 Acq On : 26 Jan 2022 14:52
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 26 15:05:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 26 14:49:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	427801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	712824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	665616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	315103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	552290	100.333	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 200.660%#			
35) Dibromofluoromethane	7.914	113	486816	103.339	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 206.680%#			
50) Toluene-d8	10.337	98	1900661	107.782	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 215.560%#			
62) 4-Bromofluorobenzene	12.626	95	655706	105.523	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 211.040%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	460584	131.136	ug/l	99
3) Chloromethane	2.214	50	555190	119.880	ug/l	100
4) Vinyl Chloride	2.350	62	608100	114.325	ug/l	94
5) Bromomethane	2.755	94	388601	97.197	ug/l	96
6) Chloroethane	2.920	64	382244	100.841	ug/l	98
7) Trichlorofluoromethane	3.273	101	858154	113.809	ug/l	96
8) Diethyl Ether	3.714	74	242732	122.395	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.102	101	492912	111.841	ug/l	98
10) Methyl Iodide	4.302	142	577644	137.082	ug/l	99
11) Tert butyl alcohol	5.226	59	154077	297.090	ug/l	97
12) 1,1-Dichloroethene	4.067	96	468247	122.435	ug/l	95
13) Acrolein	3.920	56	220919	411.192	ug/l	99
14) Allyl chloride	4.720	41	917573	120.999	ug/l	96
15) Acrylonitrile	5.420	53	617074	588.780	ug/l	99
16) Acetone	4.155	43	743487	585.021	ug/l	98
17) Carbon Disulfide	4.414	76	1597600	157.497	ug/l	100
18) Methyl Acetate	4.720	43	325983	81.850	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	1179687	116.855	ug/l	100
20) Methylene Chloride	4.967	84	527532	94.567	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	546638	125.162	ug/l	99
22) Diisopropyl ether	6.367	45	1837012	112.500	ug/l	99
23) Vinyl Acetate	6.308	43	5261328	690.438	ug/l	97
24) 1,1-Dichloroethane	6.267	63	1019597	109.391	ug/l	98
25) 2-Butanone	7.214	43	904408	602.322	ug/l	91
26) 2,2-Dichloropropane	7.208	77	859567	109.825	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	603825	117.135	ug/l	98
28) Bromochloromethane	7.543	49	388532	85.571	ug/l	92
29) Tetrahydrofuran	7.561	42	525491	608.349	ug/l	97
30) Chloroform	7.708	83	1025684	107.614	ug/l	99
31) Cyclohexane	7.985	56	985220	120.120	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	915710	109.006	ug/l	98
36) 1,1-Dichloropropene	8.114	75	813817	121.106	ug/l	99
37) Ethyl Acetate	7.291	43	369637	118.518	ug/l	96
38) Carbon Tetrachloride	8.096	117	801534	117.781	ug/l	94
39) Methylcyclohexane	9.355	83	988537	136.191	ug/l	96
40) Benzene	8.349	78	2202823	118.974	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	227696	111.790	ug/l	97
42) 1,2-Dichloroethane	8.420	62	689604	110.030	ug/l	97
43) Isopropyl Acetate	8.449	43	692664	117.983	ug/l	99
44) Trichloroethene	9.114	130	559590	117.442	ug/l	94
45) 1,2-Dichloropropane	9.385	63	564779	112.841	ug/l	100
46) Dibromomethane	9.473	93	295558	115.370	ug/l	96
47) Bromodichloromethane	9.661	83	781960	111.177	ug/l	99
48) Methyl methacrylate	9.455	41	367643	123.920	ug/l #	89
49) 1,4-Dioxane	9.461	88	67856	2641.962	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	1842925	594.285	ug/l	98
52) Toluene	10.402	92	1430362	122.731	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	752320	121.934	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	878851	120.807	ug/l	96
55) 1,1,2-Trichloroethane	10.796	97	393110	117.052	ug/l	97
56) Ethyl methacrylate	10.655	69	530925	128.971	ug/l	93
57) 1,3-Dichloropropane	10.943	76	713349	114.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	1200271	528.161	ug/l	99
59) 2-Hexanone	10.979	43	1393250	643.252	ug/l	97
60) Dibromochloromethane	11.137	129	495897	116.003	ug/l	98
61) 1,2-Dibromoethane	11.243	107	382167	118.939	ug/l	97
64) Tetrachloroethene	10.873	164	467141	119.477	ug/l	98
65) Chlorobenzene	11.667	112	1432781	112.488	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.737	131	520850	107.846	ug/l	99
67) Ethyl Benzene	11.737	91	2737619	117.074	ug/l	97
68) m/p-Xylenes	11.849	106	2094728	240.860	ug/l	96
69) o-Xylene	12.173	106	977797	118.786	ug/l	96
70) Styrene	12.190	104	1678362	118.954	ug/l	99
71) Bromoform	12.355	173	280727	119.042	ug/l	99
73) Isopropylbenzene	12.473	105	2606151	115.091	ug/l	97
74) N-amyl acetate	12.278	43	650990	117.198	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	442327	110.234	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	329936m	108.362	ug/l	
77) Bromobenzene	12.755	156	562874	115.075	ug/l	99
78) n-propylbenzene	12.814	91	3243465	113.891	ug/l	99
79) 2-Chlorotoluene	12.902	91	1811076	112.832	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	2149867	113.628	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	141264	129.346	ug/l	89
82) 4-Chlorotoluene	12.996	91	1882570	113.051	ug/l	99
83) tert-Butylbenzene	13.214	119	1821893	112.692	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	2131404	113.915	ug/l	99
85) sec-Butylbenzene	13.390	105	2769193	111.832	ug/l	99
86) p-Isopropyltoluene	13.508	119	2308790	113.564	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	1115296	110.487	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	1103872	107.191	ug/l	98
89) n-Butylbenzene	13.831	91	2235688	109.807	ug/l	99
90) Hexachloroethane	14.102	117	435435	108.254	ug/l	97
91) 1,2-Dichlorobenzene	13.878	146	955528	110.450	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	72131	111.843	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	577303	115.792	ug/l	99
94) Hexachlorobutadiene	15.255	225	307492	105.204	ug/l	99
95) Naphthalene	15.384	128	1124704	127.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	495532	116.641	ug/l	99

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

