

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010722\
 Data File : VD071647.D
 Acq On : 07 Jan 2022 14:27
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD010722

Quant Time: Jan 08 05:52:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 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	298616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	526152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	481111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	222117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	214435	55.808	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.620%			
35) Dibromofluoromethane	7.914	113	186590	53.661	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.320%			
50) Toluene-d8	10.337	98	715345	54.957	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.920%			
62) 4-Bromofluorobenzene	12.626	95	242066	52.777	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	124656	55.141	ug/l	97
3) Chloromethane	2.214	50	165857	56.028	ug/l	96
4) Vinyl Chloride	2.356	62	184313	49.642	ug/l	94
5) Bromomethane	2.779	94	143474	57.956	ug/l	94
6) Chloroethane	2.926	64	136529	51.600	ug/l	100
7) Trichlorofluoromethane	3.279	101	272169	51.710	ug/l	95
8) Diethyl Ether	3.714	74	75866	54.804	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	158347	51.472	ug/l	99
10) Methyl Iodide	4.308	142	153766	52.277	ug/l	99
11) Tert butyl alcohol	5.214	59	57744	317.495	ug/l	97
12) 1,1-Dichloroethene	4.073	96	140936	52.794	ug/l	97
13) Acrolein	3.926	56	103252	275.321	ug/l	100
14) Allyl chloride	4.720	41	291175	55.008	ug/l	100
15) Acrylonitrile	5.426	53	199550	272.770	ug/l	98
16) Acetone	4.155	43	246310	277.657	ug/l	99
17) Carbon Disulfide	4.420	76	359862	53.669	ug/l	99
18) Methyl Acetate	4.720	43	139201	54.683	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	394245	55.947	ug/l	100
20) Methylene Chloride	4.967	84	182093	55.822	ug/l	95
21) trans-1,2-Dichloroethene	5.479	96	164260	53.880	ug/l	100
22) Diisopropyl ether	6.361	45	647489	56.807	ug/l	95
23) Vinyl Acetate	6.302	43	1598204	300.463	ug/l	98
24) 1,1-Dichloroethane	6.267	63	351958	54.097	ug/l	98
25) 2-Butanone	7.208	43	286509	273.358	ug/l	99
26) 2,2-Dichloropropane	7.214	77	290145	53.109	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	198883	55.272	ug/l	100
28) Bromochloromethane	7.549	49	172162	54.321	ug/l	96
29) Tetrahydrofuran	7.561	42	166872	276.758	ug/l	99
30) Chloroform	7.708	83	359293	54.005	ug/l	93
31) Cyclohexane	7.985	56	285658	53.683	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	317921	54.218	ug/l	99
36) 1,1-Dichloropropene	8.114	75	258151	52.045	ug/l	98
37) Ethyl Acetate	7.296	43	121264	52.676	ug/l #	95
38) Carbon Tetrachloride	8.096	117	266010	52.957	ug/l	95
39) Methylcyclohexane	9.355	83	278082	51.904	ug/l	95
40) Benzene	8.349	78	717883	52.529	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	68833	48.531	ug/l	95
42) 1,2-Dichloroethane	8.420	62	242963	52.520	ug/l	99
43) Isopropyl Acetate	8.443	43	238103	54.946	ug/l	99
44) Trichloroethene	9.114	130	183672	52.223	ug/l	96
45) 1,2-Dichloropropane	9.385	63	197281	53.400	ug/l	99
46) Dibromomethane	9.473	93	102467	54.188	ug/l	99
47) Bromodichloromethane	9.655	83	279412	53.820	ug/l	97
48) Methyl methacrylate	9.455	41	113881	52.004	ug/l	99
49) 1,4-Dioxane	9.455	88	20040	1057.078	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	636509	278.075	ug/l	99
52) Toluene	10.402	92	465371	54.098	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	257122	56.459	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	296015	55.127	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	136593	55.101	ug/l	97
56) Ethyl methacrylate	10.655	69	176233	57.999	ug/l	98
57) 1,3-Dichloropropane	10.943	76	243644	53.187	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	444187	264.804	ug/l	100
59) 2-Hexanone	10.979	43	455229	284.743	ug/l	98
60) Dibromochloromethane	11.132	129	171245	54.271	ug/l	99
61) 1,2-Dibromoethane	11.237	107	127330	53.687	ug/l	97
64) Tetrachloroethene	10.873	164	146000	51.662	ug/l	97
65) Chlorobenzene	11.667	112	482987	52.461	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.737	131	187342	53.667	ug/l	96
67) Ethyl Benzene	11.737	91	919514	54.403	ug/l	100
68) m/p-Xylenes	11.849	106	698265	111.080	ug/l	97
69) o-Xylene	12.173	106	321337	54.008	ug/l	98
70) Styrene	12.190	104	568926	55.787	ug/l	100
71) Bromoform	12.355	173	95324	55.924	ug/l #	99
73) Isopropylbenzene	12.473	105	886055	55.510	ug/l	99
74) N-amyl acetate	12.279	43	225149	57.503	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	154757	54.713	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	109773m	51.146	ug/l	
77) Bromobenzene	12.755	156	189234	54.883	ug/l	97
78) n-propylbenzene	12.814	91	1109646	55.276	ug/l	99
79) 2-Chlorotoluene	12.902	91	617901	54.611	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	746102	55.943	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	42963	55.807	ug/l	97
82) 4-Chlorotoluene	12.996	91	653898	55.706	ug/l	100
83) tert-Butylbenzene	13.214	119	642806	56.405	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	739359	56.058	ug/l	99
85) sec-Butylbenzene	13.390	105	963316	55.189	ug/l	100
86) p-Isopropyltoluene	13.508	119	810644	56.566	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	395142	55.532	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	379888	52.332	ug/l	100
89) n-Butylbenzene	13.831	91	798742	55.654	ug/l	99
90) Hexachloroethane	14.102	117	154090	54.346	ug/l	98
91) 1,2-Dichlorobenzene	13.878	146	341517	56.002	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24705	54.343	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	196485	55.908	ug/l	99
94) Hexachlorobutadiene	15.255	225	109400	53.099	ug/l	99
95) Naphthalene	15.384	128	359372	57.755	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	169827	56.710	ug/l	99

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

