

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071928.D
 Acq On : 11 Feb 2022 08:58
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/15/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 11 23:54:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	399942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	646204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	592938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	293296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	227822	45.068	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.140%		
35) Dibromofluoromethane	7.914	113	211068	49.690	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.380%		
50) Toluene-d8	10.337	98	773021	48.729	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.460%		
62) 4-Bromofluorobenzene	12.626	95	270140	48.763	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	242209	51.070	ug/l	96
3) Chloromethane	2.214	50	261330	46.024	ug/l	97
4) Vinyl Chloride	2.356	62	292276	49.166	ug/l	99
5) Bromomethane	2.779	94	195267	49.783	ug/l	99
6) Chloroethane	2.932	64	188564	50.053	ug/l	98
7) Trichlorofluoromethane	3.285	101	440790	51.739	ug/l	97
8) Diethyl Ether	3.714	74	107529	47.835	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.103	101	259489	53.989	ug/l	99
10) Methyl Iodide	4.308	142	276959	56.209	ug/l	98
11) Tert butyl alcohol	5.208	59	54062	165.471	ug/l	96
12) 1,1-Dichloroethene	4.079	96	231096	52.595	ug/l	97
13) Acrolein	3.926	56	84849	188.977	ug/l	97
14) Allyl chloride	4.720	41	438309	52.333	ug/l	99
15) Acrylonitrile	5.420	53	267951	234.533	ug/l	100
16) Acetone	4.155	43	357794	258.564	ug/l	99
17) Carbon Disulfide	4.414	76	751663	49.061	ug/l	100
18) Methyl Acetate	4.714	43	125985	42.110	ug/l	97
19) Methyl tert-butyl Ether	5.485	73	519141	49.388	ug/l	98
20) Methylene Chloride	4.967	84	252846	50.065	ug/l	96
21) trans-1,2-Dichloroethene	5.479	96	264759	51.760	ug/l	97
22) Diisopropyl ether	6.367	45	864658	52.673	ug/l	95
23) Vinyl Acetate	6.308	43	2336920	258.060	ug/l	98
24) 1,1-Dichloroethane	6.267	63	509348	53.235	ug/l	99
25) 2-Butanone	7.208	43	381840	236.701	ug/l	100
26) 2,2-Dichloropropane	7.208	77	430843	54.415	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	291572	53.071	ug/l	98
28) Bromochloromethane	7.549	49	165891	45.968	ug/l	99
29) Tetrahydrofuran	7.561	42	224012	234.692	ug/l	99
30) Chloroform	7.708	83	503727	51.532	ug/l	96
31) Cyclohexane	7.985	56	490959	50.873	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	461234	53.496	ug/l	98
36) 1,1-Dichloropropene	8.108	75	404736	55.516	ug/l	98
37) Ethyl Acetate	7.291	43	161327	47.595	ug/l	97
38) Carbon Tetrachloride	8.096	117	406676	56.406	ug/l	98
39) Methylcyclohexane	9.355	83	481740	57.027	ug/l	96
40) Benzene	8.349	78	1082591	55.010	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	101934	53.157	ug/l	96
42) 1,2-Dichloroethane	8.420	62	319770	51.457	ug/l	100
43) Isopropyl Acetate	8.449	43	307063	50.403	ug/l	98
44) Trichloroethene	9.108	130	279393	54.985	ug/l	99
45) 1,2-Dichloropropane	9.385	63	273293	53.857	ug/l	98
46) Dibromomethane	9.473	93	139871	52.643	ug/l	99
47) Bromodichloromethane	9.661	83	378433	53.855	ug/l	98
48) Methyl methacrylate	9.455	41	158683	49.217	ug/l	98
49) 1,4-Dioxane	9.461	88	26740	881.734	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	792363	248.543	ug/l	99
52) Toluene	10.402	92	683799	55.877	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	327484	50.742	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	389169	51.443	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	180181	51.097	ug/l	95
56) Ethyl methacrylate	10.655	69	225481	51.645	ug/l	97
57) 1,3-Dichloropropane	10.937	76	328247	52.142	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	441978	215.046	ug/l	99
59) 2-Hexanone	10.979	43	585618	253.087	ug/l	98
60) Dibromochloromethane	11.132	129	225644	51.819	ug/l	100
61) 1,2-Dibromoethane	11.237	107	173209	50.982	ug/l	98
64) Tetrachloroethene	10.873	164	231755	55.257	ug/l	97
65) Chlorobenzene	11.661	112	680315	54.234	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.737	131	246864	54.096	ug/l	99
67) Ethyl Benzene	11.737	91	1337197	57.933	ug/l	99
68) m/p-Xylenes	11.849	106	1009362	114.970	ug/l	99
69) o-Xylene	12.173	106	460310	57.694	ug/l	98
70) Styrene	12.190	104	785713	57.135	ug/l	100
71) Bromoform	12.355	173	125323	51.435	ug/l #	98
73) Isopropylbenzene	12.473	105	1270557	55.944	ug/l	100
74) N-amyl acetate	12.279	43	280357	50.196	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	199256	47.410	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	143676m	46.482	ug/l	
77) Bromobenzene	12.755	156	263465	52.150	ug/l	96
78) n-propylbenzene	12.814	91	1577669	55.400	ug/l	100
79) 2-Chlorotoluene	12.902	91	869119	53.855	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1056269	56.072	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	54070	43.011	ug/l	98
82) 4-Chlorotoluene	12.996	91	902660	53.762	ug/l	99
83) tert-Butylbenzene	13.214	119	872089	55.860	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1026310	55.385	ug/l	99
85) sec-Butylbenzene	13.390	105	1375787	56.320	ug/l	100
86) p-Isopropyltoluene	13.508	119	1136399	57.248	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	540357	52.673	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	523309	51.113	ug/l	99
89) n-Butylbenzene	13.831	91	1113372	57.168	ug/l	100
90) Hexachloroethane	14.102	117	215843	54.703	ug/l	99
91) 1,2-Dichlorobenzene	13.878	146	449185	51.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	34376	49.387	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	267137	52.088	ug/l	99
94) Hexachlorobutadiene	15.255	225	154397	55.212	ug/l	98
95) Naphthalene	15.384	128	463626	45.636	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	230358	52.404	ug/l	97

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

