

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071436.D
 Acq On : 23 Dec 2021 10:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 23 14:47:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 12/28/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	371295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	623920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	579769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	269696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	226583	45.950	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.900%		
35) Dibromofluoromethane	7.914	113	202839	48.373	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.740%		
50) Toluene-d8	10.338	98	754516	47.615	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.220%		
62) 4-Bromofluorobenzene	12.626	95	264127	46.906	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	179581	46.158	ug/l	99
3) Chloromethane	2.209	50	231797	46.529	ug/l	98
4) Vinyl Chloride	2.356	62	273448	45.804	ug/l	98
5) Bromomethane	2.773	94	193320	46.288	ug/l	100
6) Chloroethane	2.926	64	184804	46.645	ug/l	96
7) Trichlorofluoromethane	3.279	101	356158	48.732	ug/l	96
8) Diethyl Ether	3.709	74	97665	46.678	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	205150	48.249	ug/l	95
10) Methyl Iodide	4.303	142	208985	50.541	ug/l	94
11) Tert butyl alcohol	5.220	59	76049	193.527	ug/l	95
12) 1,1-Dichloroethene	4.073	96	185808	48.034	ug/l #	82
13) Acrolein	3.926	56	58865	247.118	ug/l	94
14) Allyl chloride	4.720	41	357304	48.834	ug/l #	79
15) Acrylonitrile	5.426	53	241708	234.581	ug/l	95
16) Acetone	4.156	43	322472	260.354	ug/l #	85
17) Carbon Disulfide	4.415	76	585460	46.451	ug/l	97
18) Methyl Acetate	4.720	43	169317	44.290	ug/l	94
19) Methyl tert-butyl Ether	5.485	73	476533	47.721	ug/l	96
20) Methylene Chloride	4.968	84	237909	50.821	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	212488	47.426	ug/l	90
22) Diisopropyl ether	6.362	45	735122	49.354	ug/l	91
23) Vinyl Acetate	6.309	43	1922917	250.430	ug/l	96
24) 1,1-Dichloroethane	6.267	63	414139	48.500	ug/l	98
25) 2-Butanone	7.214	43	356920	241.253	ug/l #	86
26) 2,2-Dichloropropane	7.209	77	355842	50.718	ug/l	94
27) cis-1,2-Dichloroethene	7.209	96	237614	47.948	ug/l	91
28) Bromochloromethane	7.544	49	157727	45.075	ug/l	90
29) Tetrahydrofuran	7.561	42	204705	230.453	ug/l	93
30) Chloroform	7.709	83	418712	48.598	ug/l	99
31) Cyclohexane	7.985	56	377120	45.020	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	374120	48.960	ug/l	94
36) 1,1-Dichloropropene	8.109	75	325698	48.617	ug/l	97
37) Ethyl Acetate	7.291	43	142914	46.208	ug/l #	91
38) Carbon Tetrachloride	8.097	117	324256	49.060	ug/l	94
39) Methylcyclohexane	9.350	83	377917	48.191	ug/l	96
40) Benzene	8.350	78	857285	47.602	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	92043	50.103	ug/l #	72
42) 1,2-Dichloroethane	8.420	62	285472	48.610	ug/l	93
43) Isopropyl Acetate	8.450	43	284735	46.391	ug/l	91
44) Trichloroethene	9.108	130	226570	48.277	ug/l	89
45) 1,2-Dichloropropane	9.385	63	226426	48.452	ug/l	96
46) Dibromomethane	9.473	93	122279	47.362	ug/l	95
47) Bromodichloromethane	9.656	83	322127	49.142	ug/l	99
48) Methyl methacrylate	9.450	41	145424	47.880	ug/l #	82
49) 1,4-Dioxane	9.461	88	26418	905.486	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	756952	234.413	ug/l	90
52) Toluene	10.403	92	564317	49.327	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	302674	49.448	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	342352	48.401	ug/l #	78
55) 1,1,2-Trichloroethane	10.791	97	159672	48.723	ug/l	96
56) Ethyl methacrylate	10.655	69	211528	49.050	ug/l #	72
57) 1,3-Dichloropropane	10.938	76	285450	47.553	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	534342	258.666	ug/l	99
59) 2-Hexanone	10.979	43	566132	248.029	ug/l	89
60) Dibromochloromethane	11.132	129	204268	49.584	ug/l	99
61) 1,2-Dibromoethane	11.238	107	156340	48.165	ug/l	99
64) Tetrachloroethene	10.873	164	189535	47.044	ug/l	96
65) Chlorobenzene	11.667	112	577626	48.571	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	213447	49.130	ug/l	98
67) Ethyl Benzene	11.738	91	1089353	49.220	ug/l	99
68) m/p-Xylenes	11.844	106	840565	99.966	ug/l	96
69) o-Xylene	12.173	106	389244	50.643	ug/l	94
70) Styrene	12.185	104	668112	50.038	ug/l	96
71) Bromoform	12.355	173	113231	48.164	ug/l #	96
73) Isopropylbenzene	12.473	105	1057751	50.872	ug/l	99
74) N-amyl acetate	12.279	43	275553	49.396	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	181871	48.381	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	160465m	50.075	ug/l	
77) Bromobenzene	12.755	156	223463	48.298	ug/l	97
78) n-propylbenzene	12.814	91	1328123	50.960	ug/l	99
79) 2-Chlorotoluene	12.897	91	732250	50.275	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	883756	51.531	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	53349	47.040	ug/l #	71
82) 4-Chlorotoluene	12.996	91	767663	50.812	ug/l	99
83) tert-Butylbenzene	13.214	119	748522	51.077	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	870434	51.282	ug/l	97
85) sec-Butylbenzene	13.391	105	1145635	51.278	ug/l	100
86) p-Isopropyltoluene	13.508	119	956833	51.616	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	453640	48.685	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	450327	49.289	ug/l	98
89) n-Butylbenzene	13.832	91	935122	51.395	ug/l	98
90) Hexachloroethane	14.102	117	178761	50.904	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	388807	49.166	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.491	75	30448	46.706	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	248706	51.609	ug/l	96
94) Hexachlorobutadiene	15.249	225	130073	50.385	ug/l	100
95) Naphthalene	15.385	128	459935	50.141	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	211033	50.630	ug/l	99

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

