

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060921\
 Data File : VD069400.D
 Acq On : 09 Jun 2021 12:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/10/2021 4:25:54 PM

Quant Time: Jun 10 04:02:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	449570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	692327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	648232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	324237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176288	40.867	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.740%		
35) Dibromofluoromethane	7.908	113	196723	45.248	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.500%		
50) Toluene-d8	10.338	98	704976	44.591	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.180%		
62) 4-Bromofluorobenzene	12.626	95	241060	46.533	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	190181	40.188	ug/l	98
3) Chloromethane	2.209	50	159893	44.756	ug/l	97
4) Vinyl Chloride	2.350	62	213613	58.693	ug/l	98
5) Bromomethane	2.768	94	152846	57.564	ug/l	92
6) Chloroethane	2.921	64	147832	71.183	ug/l	96
7) Trichlorofluoromethane	3.268	101	358571	42.357	ug/l	97
8) Diethyl Ether	3.709	74	90705	43.613	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	225353	45.206	ug/l	99
10) Methyl Iodide	4.297	142	195035	38.903	ug/l	100
11) Tert butyl alcohol	5.215	59	63744	239.989	ug/l #	88
12) 1,1-Dichloroethene	4.062	96	197219	43.737	ug/l	98
13) Acrolein	3.920	56	67066	234.056	ug/l	96
14) Allyl chloride	4.715	41	227853	41.881	ug/l	98
15) Acrylonitrile	5.420	53	173029	213.413	ug/l	98
16) Acetone	4.150	43	186935	248.327	ug/l	97
17) Carbon Disulfide	4.403	76	603570	40.478	ug/l	98
18) Methyl Acetate	4.709	43	81560	40.037	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	363704	43.918	ug/l	94
20) Methylene Chloride	4.962	84	248039	44.250	ug/l	98
21) trans-1,2-Dichloroethene	5.462	96	230878	43.232	ug/l	93
22) Diisopropyl ether	6.362	45	473096	45.276	ug/l	94
23) Vinyl Acetate	6.303	43	1380886	208.829	ug/l	99
24) 1,1-Dichloroethane	6.262	63	374011	42.775	ug/l	99
25) 2-Butanone	7.214	43	226021	228.176	ug/l	93
26) 2,2-Dichloropropane	7.209	77	352139	43.704	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	246319	43.546	ug/l	98
28) Bromochloromethane	7.544	49	135771	44.785	ug/l	93
29) Tetrahydrofuran	7.561	42	128222	225.211	ug/l	100
30) Chloroform	7.708	83	419465	43.881	ug/l	100
31) Cyclohexane	7.979	56	282105	41.157	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	378845	43.915	ug/l	99
36) 1,1-Dichloropropene	8.108	75	314066	46.670	ug/l	100
37) Ethyl Acetate	7.291	43	101872	44.584	ug/l	99
38) Carbon Tetrachloride	8.091	117	340937	46.924	ug/l	96
39) Methylcyclohexane	9.355	83	331529	48.159	ug/l	97
40) Benzene	8.350	78	888686	45.470	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	60500	54.536	ug/l #	82
42) 1,2-Dichloroethane	8.420	62	236346	45.314	ug/l	99
43) Isopropyl Acetate	8.450	43	189105	45.474	ug/l	99
44) Trichloroethene	9.108	130	250625	47.197	ug/l	100
45) 1,2-Dichloropropane	9.385	63	211345	45.418	ug/l	97
46) Dibromomethane	9.473	93	121732	45.769	ug/l	95
47) Bromodichloromethane	9.661	83	314139	45.804	ug/l	94
48) Methyl methacrylate	9.455	41	90468	46.859	ug/l	91
49) 1,4-Dioxane	9.455	88	25750	985.593	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	517885	241.116	ug/l	99
52) Toluene	10.402	92	581004	47.098	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	278665	45.496	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	334050	45.744	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	171697	46.538	ug/l	97
56) Ethyl methacrylate	10.661	69	182086	43.630	ug/l	97
57) 1,3-Dichloropropane	10.944	76	279960	46.800	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	494141	286.040	ug/l	99
59) 2-Hexanone	10.985	43	366066	254.961	ug/l	99
60) Dibromochloromethane	11.138	129	219034	47.117	ug/l	98
61) 1,2-Dibromoethane	11.244	107	165440	47.011	ug/l	99
64) Tetrachloroethene	10.873	164	217795	48.269	ug/l	95
65) Chlorobenzene	11.667	112	621133	46.889	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	239868	48.328	ug/l	97
67) Ethyl Benzene	11.744	91	1097733	48.233	ug/l	99
68) m/p-Xylenes	11.849	106	876147	98.245	ug/l	99
69) o-Xylene	12.179	106	388274	49.227	ug/l	99
70) Styrene	12.191	104	691337	50.492	ug/l	99
71) Bromoform	12.355	173	124011	48.173	ug/l #	98
73) Isopropylbenzene	12.473	105	1069964	48.218	ug/l	100
74) N-amyl acetate	12.285	43	181257	46.254	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	186993	45.140	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	119394m	42.382	ug/l	
77) Bromobenzene	12.755	156	252348	47.221	ug/l	98
78) n-propylbenzene	12.814	91	1330738	48.897	ug/l	100
79) 2-Chlorotoluene	12.902	91	715306	46.237	ug/l	96
80) 1,3,5-Trimethylbenzene	12.955	105	909782	48.410	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	56032	44.077	ug/l	95
82) 4-Chlorotoluene	12.996	91	770986	47.371	ug/l	100
83) tert-Butylbenzene	13.220	119	768830	48.850	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	910639	48.722	ug/l	100
85) sec-Butylbenzene	13.396	105	1153493	49.655	ug/l	100
86) p-Isopropyltoluene	13.508	119	1015384	49.990	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	504812	46.678	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	498797	46.276	ug/l	99
89) n-Butylbenzene	13.838	91	929966	48.935	ug/l	99
90) Hexachloroethane	14.102	117	177353	45.963	ug/l	97
91) 1,2-Dichlorobenzene	13.885	146	435239	46.704	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	26502	40.161	ug/l	92
93) 1,2,4-Trichlorobenzene	15.155	180	268609	48.040	ug/l	99
94) Hexachlorobutadiene	15.261	225	171976	48.989	ug/l	99
95) Naphthalene	15.390	128	461797	42.282	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	228992	46.532	ug/l	98

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

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