

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070078.D
 Acq On : 17 Aug 2021 10:23
 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
 8/18/2021 6:59:02 PM

Quant Time: Aug 18 03:05:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	525227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	899256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	863696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	421762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	306170	49.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.120%
35) Dibromofluoromethane	7.914	113	306830	52.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.620%
50) Toluene-d8	10.338	98	1221143	54.040	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.080%
62) 4-Bromofluorobenzene	12.626	95	402022	54.015	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	247241	48.935	ug/l	99
3) Chloromethane	2.209	50	356391	48.836	ug/l	100
4) Vinyl Chloride	2.344	62	392671	44.175	ug/l	98
5) Bromomethane	2.756	94	249106	51.181	ug/l	90
6) Chloroethane	2.915	64	254022	44.733	ug/l	96
7) Trichlorofluoromethane	3.268	101	491290	46.017	ug/l	96
8) Diethyl Ether	3.709	74	141674	46.369	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.085	101	321023	47.264	ug/l	99
10) Methyl Iodide	4.297	142	299477	48.224	ug/l	100
11) Tert butyl alcohol	5.220	59	70162	205.484	ug/l	100
12) 1,1-Dichloroethene	4.067	96	293012	46.958	ug/l	96
13) Acrolein	3.926	56	89501	227.563	ug/l	99
14) Allyl chloride	4.714	41	435789	46.805	ug/l	98
15) Acrylonitrile	5.414	53	342377	241.667	ug/l	99
16) Acetone	4.150	43	316293	277.938	ug/l	93
17) Carbon Disulfide	4.409	76	1054054	46.721	ug/l	100
18) Methyl Acetate	4.720	43	161695	47.657	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	633111	48.888	ug/l	98
20) Methylene Chloride	4.956	84	390373	50.398	ug/l	99
21) trans-1,2-Dichloroethene	5.473	96	357086	49.266	ug/l	91
22) Diisopropyl ether	6.361	45	989821	50.548	ug/l	98
23) Vinyl Acetate	6.303	43	2269406	255.723	ug/l	99
24) 1,1-Dichloroethane	6.261	63	632458	47.207	ug/l	99
25) 2-Butanone	7.208	43	397639	255.717	ug/l	95
26) 2,2-Dichloropropane	7.203	77	510626	48.950	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	377213	49.006	ug/l	99
28) Bromochloromethane	7.544	49	245369	50.328	ug/l	98
29) Tetrahydrofuran	7.561	42	255777	251.199	ug/l	98
30) Chloroform	7.708	83	641240	48.668	ug/l	99
31) Cyclohexane	7.985	56	573746	46.924	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	531932	48.311	ug/l	98
36) 1,1-Dichloropropene	8.108	75	504548	52.154	ug/l	99
37) Ethyl Acetate	7.291	43	182602	51.966	ug/l	98
38) Carbon Tetrachloride	8.097	117	458688	52.226	ug/l	96
39) Methylcyclohexane	9.355	83	591639	52.527	ug/l	99
40) Benzene	8.350	78	1442814	51.420	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	92559	48.721	ug/l	95
42) 1,2-Dichloroethane	8.420	62	370603	51.535	ug/l	98
43) Isopropyl Acetate	8.450	43	329949	50.296	ug/l	99
44) Trichloroethene	9.108	130	343177	50.628	ug/l	98
45) 1,2-Dichloropropane	9.385	63	377685	51.819	ug/l	99
46) Dibromomethane	9.467	93	186535	52.692	ug/l	99
47) Bromodichloromethane	9.655	83	481745	52.598	ug/l	99
48) Methyl methacrylate	9.455	41	167249	53.462	ug/l	100
49) 1,4-Dioxane	9.455	88	42706	1108.507	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	936492	274.546	ug/l	99
52) Toluene	10.397	92	908933	53.219	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	420269	51.804	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	502174	50.999	ug/l	100
55) 1,1,2-Trichloroethane	10.797	97	259259	51.688	ug/l	96
56) Ethyl methacrylate	10.655	69	314124	55.033	ug/l	98
57) 1,3-Dichloropropane	10.938	76	456725	52.598	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	872404	289.784	ug/l	100
59) 2-Hexanone	10.979	43	653808	286.206	ug/l	99
60) Dibromochloromethane	11.132	129	302089	52.575	ug/l	98
61) 1,2-Dibromoethane	11.244	107	243927	53.718	ug/l	100
64) Tetrachloroethene	10.867	164	276495	49.623	ug/l	97
65) Chlorobenzene	11.667	112	908116	50.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	327953	51.175	ug/l	99
67) Ethyl Benzene	11.738	91	1672763	52.428	ug/l	99
68) m/p-Xylenes	11.849	106	1318062	106.598	ug/l	98
69) o-Xylene	12.173	106	588622	52.760	ug/l	98
70) Styrene	12.185	104	1060950	54.296	ug/l	99
71) Bromoform	12.355	173	159766	51.169	ug/l #	100
73) Isopropylbenzene	12.473	105	1556321	50.602	ug/l	99
74) N-amyl acetate	12.279	43	325667	49.111	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	302772	49.337	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	201946m	47.214	ug/l	
77) Bromobenzene	12.755	156	334647	49.022	ug/l	99
78) n-propylbenzene	12.814	91	2051245	51.715	ug/l	99
79) 2-Chlorotoluene	12.896	91	1134516	49.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1348679	51.508	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	81485	49.449	ug/l	95
82) 4-Chlorotoluene	12.996	91	1193044	49.928	ug/l	100
83) tert-Butylbenzene	13.214	119	1091088	51.267	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1353332	52.104	ug/l	100
85) sec-Butylbenzene	13.390	105	1758327	51.566	ug/l	98
86) p-Isopropyltoluene	13.508	119	1435717	52.117	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	719274	49.591	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	699677	48.704	ug/l	99
89) n-Butylbenzene	13.832	91	1402476	51.881	ug/l	99
90) Hexachloroethane	14.102	117	288859	49.690	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	613295	49.347	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	42894	46.795	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	337473	48.829	ug/l	100
94) Hexachlorobutadiene	15.255	225	204251	50.029	ug/l	99
95) Naphthalene	15.385	128	624112	49.616	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	296465	49.139	ug/l	100

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

