

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070134.D
 Acq On : 18 Aug 2021 18:16
 Operator : VA/SY
 Sample : M3435-17MS
 Misc : 6.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-24-0306MS

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 6:16:30 PM

Quant Time: Aug 19 07:32:41 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	463370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	844423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	800075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	345331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	285581	52.401	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.800%			
35) Dibromofluoromethane	7.908	113	288565	52.894	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.780%			
50) Toluene-d8	10.338	98	1095373	51.622	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.240%			
62) 4-Bromofluorobenzene	12.626	95	348340	49.841	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	203626	45.197	ug/l	99
3) Chloromethane	2.209	50	309736	48.037	ug/l	99
4) Vinyl Chloride	2.344	62	341719	43.575	ug/l	99
5) Bromomethane	2.762	94	229192	53.577	ug/l	96
6) Chloroethane	2.915	64	232586	46.425	ug/l	98
7) Trichlorofluoromethane	3.267	101	428556	45.500	ug/l	95
8) Diethyl Ether	3.709	74	138612	51.423	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	275044	45.901	ug/l	99
10) Methyl Iodide	4.297	142	258733	47.225	ug/l	98
11) Tert butyl alcohol	5.226	59	68871	228.629	ug/l	99
12) 1,1-Dichloroethene	4.062	96	261547	47.511	ug/l	91
13) Acrolein	3.926	56	19489	56.167	ug/l	98
14) Allyl chloride	4.709	41	359229	43.733	ug/l	97
15) Acrylonitrile	5.420	53	320529	256.448	ug/l	98
16) Acetone	4.156	43	238617	237.673	ug/l	100
17) Carbon Disulfide	4.403	76	928748	46.663	ug/l	99
18) Methyl Acetate	4.714	43	191300	63.909	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	600143	52.528	ug/l	100
20) Methylene Chloride	4.956	84	341150	49.830	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	314290	49.150	ug/l	97
22) Diisopropyl ether	6.361	45	911726	52.775	ug/l	98
23) Vinyl Acetate	6.303	43	872776	111.476	ug/l	100
24) 1,1-Dichloroethane	6.261	63	597750	50.572	ug/l	98
25) 2-Butanone	7.208	43	368433	268.564	ug/l	99
26) 2,2-Dichloropropane	7.203	77	442217	48.051	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	354334	52.178	ug/l	100
28) Bromochloromethane	7.544	49	206548	48.021	ug/l	97
29) Tetrahydrofuran	7.561	42	250323	278.661	ug/l	99
30) Chloroform	7.708	83	557401	47.952	ug/l	98
31) Cyclohexane	7.985	56	475840	44.112	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	487527	50.189	ug/l	98
36) 1,1-Dichloropropene	8.108	75	441453	48.595	ug/l	99
37) Ethyl Acetate	7.291	43	174074	52.756	ug/l	99
38) Carbon Tetrachloride	8.091	117	401875	48.729	ug/l	96
39) Methylcyclohexane	9.355	83	411101	38.868	ug/l	98
40) Benzene	8.350	78	1338633	50.805	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070134.D
 Acq On : 18 Aug 2021 18:16
 Operator : VA/SY
 Sample : M3435-17MS
 Misc : 6.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-24-0306MS

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 6:16:30 PM

Quant Time: Aug 19 07:32:41 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)
41) Methacrylonitrile	7.520	41	94284	52.852	ug/l	95
42) 1,2-Dichloroethane	8.420	62	352390	52.185	ug/l	99
43) Isopropyl Acetate	8.450	43	318181	51.652	ug/l	99
44) Trichloroethene	9.108	130	308334	48.442	ug/l	98
45) 1,2-Dichloropropane	9.385	63	333711	48.759	ug/l	91
46) Dibromomethane	9.473	93	177942	53.529	ug/l	99
47) Bromodichloromethane	9.661	83	451756	52.527	ug/l	97
48) Methyl methacrylate	9.455	41	136545	46.482	ug/l #	86
49) 1,4-Dioxane	9.455	88	39563	1093.609	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	898654	280.561	ug/l	99
52) Toluene	10.396	92	825610	51.480	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	391921	51.447	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	468189	50.635	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	251397	53.376	ug/l	96
56) Ethyl methacrylate	10.655	69	294405	54.927	ug/l	98
57) 1,3-Dichloropropane	10.938	76	432336	53.022	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	742995	262.824	ug/l	100
59) 2-Hexanone	10.979	43	588966	274.563	ug/l	99
60) Dibromochloromethane	11.138	129	281706	52.211	ug/l	100
61) 1,2-Dibromoethane	11.243	107	231788	54.359	ug/l	99
64) Tetrachloroethene	10.873	164	233609	45.260	ug/l	98
65) Chlorobenzene	11.661	112	857159	51.277	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	307478	51.795	ug/l	99
67) Ethyl Benzene	11.738	91	1470107	49.740	ug/l	100
68) m/p-Xylenes	11.843	106	1148466	100.268	ug/l	99
69) o-Xylene	12.173	106	528193	51.108	ug/l	98
70) Styrene	12.185	104	865053	47.791	ug/l	100
71) Bromoform	12.349	173	153126	52.942	ug/l #	99
73) Isopropylbenzene	12.473	105	1303282	51.754	ug/l	99
74) N-amyl acetate	12.279	43	231163	42.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	284922	56.705	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	218688m	62.444	ug/l	
77) Bromobenzene	12.749	156	303890	54.369	ug/l	97
78) n-propylbenzene	12.814	91	1634164	50.319	ug/l	99
79) 2-Chlorotoluene	12.896	91	951205	50.908	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1087903	50.745	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	72162	53.483	ug/l	95
82) 4-Chlorotoluene	12.996	91	999681	51.096	ug/l	99
83) tert-Butylbenzene	13.214	119	881142	50.566	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1097333	51.599	ug/l	100
85) sec-Butylbenzene	13.390	105	1284225	45.998	ug/l	99
86) p-Isopropyltoluene	13.508	119	1052333	46.655	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	573232	48.269	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	564362	47.979	ug/l	99
89) n-Butylbenzene	13.832	91	908672	41.053	ug/l	99
90) Hexachloroethane	14.096	117	219152	46.042	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	511332	50.249	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	38515	51.317	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	222023	39.234	ug/l	100
94) Hexachlorobutadiene	15.249	225	103709	31.025	ug/l	98
95) Naphthalene	15.384	128	486357	47.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	190971	38.659	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
Data File : VD070134.D
Acq On : 18 Aug 2021 18:16
Operator : VA/SY
Sample : M3435-17MS
Misc : 6.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SWCS-24-0306MS

Manual Integrations
APPROVED

MMDadoda
8/19/2021 6:16:30 PM

Quant Time: Aug 19 07:32:41 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)
----------	------	------	----------	------	-------	----------

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

