

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070081.D
 Acq On : 17 Aug 2021 11:51
 Operator : VA/SY
 Sample : VD0817SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/18/2021 6:59:05 PM

Quant Time: Aug 18 03:05:51 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	525409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	939387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	901922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	423834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	320725	51.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.800%
35) Dibromofluoromethane	7.914	113	322504	53.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.280%
50) Toluene-d8	10.338	98	1268448	53.736	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.480%
62) 4-Bromofluorobenzene	12.626	95	419467	53.951	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	137040	23.853	ug/l	100
3) Chloromethane	2.209	50	172934	21.199	ug/l	95
4) Vinyl Chloride	2.344	62	182276	20.499	ug/l	98
5) Bromomethane	2.750	94	117235	21.601	ug/l	95
6) Chloroethane	2.909	64	111907	19.700	ug/l	99
7) Trichlorofluoromethane	3.262	101	212798	19.925	ug/l	99
8) Diethyl Ether	3.709	74	59785	19.561	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	136592	20.104	ug/l	99
10) Methyl Iodide	4.297	142	115869	18.652	ug/l	99
11) Tert butyl alcohol	5.226	59	32264	94.459	ug/l #	91
12) 1,1-Dichloroethene	4.062	96	119817	19.195	ug/l	99
13) Acrolein	3.920	56	36033	91.585	ug/l	98
14) Allyl chloride	4.709	41	177724	19.082	ug/l	98
15) Acrylonitrile	5.420	53	138769	97.916	ug/l	99
16) Acetone	4.156	43	106835	93.847	ug/l	92
17) Carbon Disulfide	4.403	76	448288	19.864	ug/l	98
18) Methyl Acetate	4.720	43	67786	19.972	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	248884	19.212	ug/l	99
20) Methylene Chloride	4.962	84	200334	21.112	ug/l	95
21) trans-1,2-Dichloroethene	5.462	96	144525	19.933	ug/l	96
22) Diisopropyl ether	6.362	45	390960	19.958	ug/l	96
23) Vinyl Acetate	6.309	43	849727	95.717	ug/l	98
24) 1,1-Dichloroethane	6.262	63	264768	19.755	ug/l	98
25) 2-Butanone	7.214	43	153577	98.729	ug/l	96
26) 2,2-Dichloropropane	7.209	77	208207	19.952	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	151965	19.736	ug/l	99
28) Bromochloromethane	7.544	49	111353	22.832	ug/l	99
29) Tetrahydrofuran	7.561	42	97813	96.029	ug/l	99
30) Chloroform	7.709	83	264493	20.067	ug/l	100
31) Cyclohexane	7.985	56	241032	19.706	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	219591	19.937	ug/l	98
36) 1,1-Dichloropropene	8.108	75	204697	20.255	ug/l	100
37) Ethyl Acetate	7.291	43	66504	18.118	ug/l	95
38) Carbon Tetrachloride	8.097	117	187218	20.406	ug/l	92
39) Methylcyclohexane	9.350	83	226513	19.251	ug/l	98
40) Benzene	8.350	78	593553	20.250	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	36116m	18.199	ug/l	
42) 1,2-Dichloroethane	8.420	62	152308	20.275	ug/l	98
43) Isopropyl Acetate	8.450	43	133524	19.484	ug/l	99
44) Trichloroethene	9.108	130	140933	19.903	ug/l	100
45) 1,2-Dichloropropane	9.385	63	153744	20.193	ug/l	92
46) Dibromomethane	9.473	93	73443	19.860	ug/l	98
47) Bromodichloromethane	9.661	83	192632	20.134	ug/l	97
48) Methyl methacrylate	9.455	41	64956	19.877	ug/l	97
49) 1,4-Dioxane	9.455	88	16351	406.287	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	352111	98.816	ug/l	100
52) Toluene	10.397	92	361494	20.262	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	168048	19.829	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	206485	20.074	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	108512	20.710	ug/l	97
56) Ethyl methacrylate	10.655	69	112444	18.858	ug/l	99
57) 1,3-Dichloropropane	10.944	76	184024	20.287	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	319449	101.577	ug/l	98
59) 2-Hexanone	10.979	43	239522	100.372	ug/l	96
60) Dibromochloromethane	11.132	129	120281	20.039	ug/l	100
61) 1,2-Dibromoethane	11.238	107	97631	20.582	ug/l	99
64) Tetrachloroethene	10.873	164	111985	19.246	ug/l	98
65) Chlorobenzene	11.661	112	371641	19.722	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	132293	19.768	ug/l	99
67) Ethyl Benzene	11.738	91	637938	19.147	ug/l	97
68) m/p-Xylenes	11.849	106	515135	39.896	ug/l	97
69) o-Xylene	12.173	106	226681	19.457	ug/l	98
70) Styrene	12.191	104	407348	19.963	ug/l	100
71) Bromoform	12.349	173	64880	19.899	ug/l #	99
73) Isopropylbenzene	12.473	105	597614	19.336	ug/l	99
74) N-amyl acetate	12.279	43	124455	18.676	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	123879	20.088	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	78846m	18.344	ug/l	
77) Bromobenzene	12.749	156	135369	19.733	ug/l	99
78) n-propylbenzene	12.814	91	792352	19.879	ug/l	99
79) 2-Chlorotoluene	12.896	91	449886	19.618	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	520643	19.787	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	31073	18.764	ug/l	96
82) 4-Chlorotoluene	12.996	91	481901	20.069	ug/l	100
83) tert-Butylbenzene	13.214	119	413361	19.328	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	521379	19.975	ug/l	99
85) sec-Butylbenzene	13.391	105	666332	19.446	ug/l	99
86) p-Isopropyltoluene	13.508	119	531611	19.203	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	289606	19.869	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	285236	19.758	ug/l	98
89) n-Butylbenzene	13.832	91	525048	19.328	ug/l	99
90) Hexachloroethane	14.096	117	113281	19.391	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	242695	19.432	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	17895	19.427	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	132071	19.016	ug/l	100
94) Hexachlorobutadiene	15.255	225	79436	19.362	ug/l	97
95) Naphthalene	15.385	128	229429	18.150	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	114945	18.959	ug/l	99

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

