

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070050.D
 Acq On : 13 Aug 2021 15:22
 Operator : VA/SY
 Sample : VD0813SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/16/2021 5:05:03 PM

Quant Time: Aug 14 02:38:33 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	554186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1029697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	958695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	442924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	321461	49.318	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.640%		
35) Dibromofluoromethane	7.908	113	326228	49.038	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.080%		
50) Toluene-d8	10.338	98	1292454	49.951	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.900%		
62) 4-Bromofluorobenzene	12.626	95	426970	50.100	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	146620	24.300	ug/l	97
3) Chloromethane	2.209	50	192887	22.695	ug/l	97
4) Vinyl Chloride	2.344	62	202982	21.642	ug/l	99
5) Bromomethane	2.750	94	138982	24.858	ug/l	97
6) Chloroethane	2.909	64	125333	20.918	ug/l	96
7) Trichlorofluoromethane	3.268	101	231927	20.589	ug/l	94
8) Diethyl Ether	3.709	74	69108	21.437	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	147839	20.629	ug/l	99
10) Methyl Iodide	4.297	142	125729	19.188	ug/l	98
11) Tert butyl alcohol	5.220	59	35747	99.222	ug/l	96
12) 1,1-Dichloroethene	4.067	96	137691	20.913	ug/l	92
13) Acrolein	3.920	56	40951	98.680	ug/l	99
14) Allyl chloride	4.709	41	207500	21.122	ug/l	99
15) Acrylonitrile	5.414	53	154658	103.461	ug/l	99
16) Acetone	4.156	43	111437	92.807	ug/l	100
17) Carbon Disulfide	4.409	76	501873	21.083	ug/l	99
18) Methyl Acetate	4.720	43	76250	21.299	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	282997	20.711	ug/l	96
20) Methylene Chloride	4.962	84	188535	17.787	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	164505	21.510	ug/l	94
22) Diisopropyl ether	6.361	45	453047	21.927	ug/l	99
23) Vinyl Acetate	6.303	43	965535	103.114	ug/l	98
24) 1,1-Dichloroethane	6.261	63	303453	21.466	ug/l	98
25) 2-Butanone	7.208	43	164396	100.197	ug/l	98
26) 2,2-Dichloropropane	7.203	77	225256	20.465	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	175512	21.610	ug/l	98
28) Bromochloromethane	7.544	49	110258	21.433	ug/l	99
29) Tetrahydrofuran	7.561	42	108660	101.139	ug/l	99
30) Chloroform	7.708	83	292125	21.013	ug/l	98
31) Cyclohexane	7.985	56	266680	20.671	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	243662	20.974	ug/l	99
36) 1,1-Dichloropropene	8.108	75	224501	20.267	ug/l	100
37) Ethyl Acetate	7.291	43	83345	20.714	ug/l	98
38) Carbon Tetrachloride	8.091	117	202231	20.109	ug/l	95
39) Methylcyclohexane	9.355	83	257514	19.966	ug/l	98
40) Benzene	8.344	78	667314	20.769	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	45573	20.950	ug/l	89
42) 1,2-Dichloroethane	8.420	62	167712	20.367	ug/l	99
43) Isopropyl Acetate	8.450	43	148810	19.810	ug/l	99
44) Trichloroethene	9.114	130	157948	20.350	ug/l	95
45) 1,2-Dichloropropane	9.385	63	175024	20.972	ug/l	92
46) Dibromomethane	9.473	93	80869	19.950	ug/l	96
47) Bromodichloromethane	9.661	83	211706	20.186	ug/l	96
48) Methyl methacrylate	9.450	41	73013	20.383	ug/l	97
49) 1,4-Dioxane	9.467	88	18599	421.612	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	385520	98.703	ug/l	100
52) Toluene	10.397	92	410457	20.988	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	192131	20.683	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	236687	20.992	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	116922	20.358	ug/l	91
56) Ethyl methacrylate	10.655	69	126585	19.368	ug/l	100
57) 1,3-Dichloropropane	10.938	76	203894	20.507	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	329229	95.506	ug/l	99
59) 2-Hexanone	10.979	43	254317	97.225	ug/l	99
60) Dibromochloromethane	11.138	129	132112	20.080	ug/l	100
61) 1,2-Dibromoethane	11.244	107	106645	20.510	ug/l	99
64) Tetrachloroethene	10.873	164	125880	20.353	ug/l	96
65) Chlorobenzene	11.667	112	415728	20.755	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	146986	20.663	ug/l	99
67) Ethyl Benzene	11.738	91	730363	20.623	ug/l	99
68) m/p-Xylenes	11.849	106	578504	42.150	ug/l	98
69) o-Xylene	12.173	106	255933	20.667	ug/l	100
70) Styrene	12.191	104	455333	20.993	ug/l	98
71) Bromoform	12.355	173	70214	20.259	ug/l #	99
73) Isopropylbenzene	12.473	105	675926	20.927	ug/l	98
74) N-amyl acetate	12.279	43	140193	20.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	132165	20.508	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	90438m	20.134	ug/l	
77) Bromobenzene	12.755	156	151714	21.163	ug/l	98
78) n-propylbenzene	12.814	91	874972	21.005	ug/l	100
79) 2-Chlorotoluene	12.902	91	508076	21.200	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	577876	21.016	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	35695	20.626	ug/l	93
82) 4-Chlorotoluene	12.996	91	528163	21.047	ug/l	100
83) tert-Butylbenzene	13.214	119	456684	20.433	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	578573	21.211	ug/l	100
85) sec-Butylbenzene	13.391	105	747460	20.873	ug/l	98
86) p-Isopropyltoluene	13.508	119	601298	20.785	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	312860	20.540	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	309725	20.529	ug/l	96
89) n-Butylbenzene	13.832	91	576770	20.317	ug/l	99
90) Hexachloroethane	14.102	117	124252	20.353	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	268527	20.574	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	17539	18.220	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	148701	20.488	ug/l	98
94) Hexachlorobutadiene	15.255	225	86048	20.070	ug/l	99
95) Naphthalene	15.385	128	256806	19.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	128031	20.207	ug/l	99

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

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