

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069929.D
 Acq On : 30 Jul 2021 10:42
 Operator : VA/SY
 Sample : VD0730SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/2/2021 4:59:54 PM

Quant Time: Jul 31 00:35:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	560077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	993925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	945948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	453004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	336039	52.169	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.340%	
35) Dibromofluoromethane	7.914	113	334635	53.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.820%	
50) Toluene-d8	10.332	98	1291616	53.461	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.920%	
62) 4-Bromofluorobenzene	12.626	95	443201	54.890	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	127258	21.587	ug/l	99
3) Chloromethane	2.209	50	173109	20.243	ug/l	94
4) Vinyl Chloride	2.344	62	190034	21.128	ug/l	100
5) Bromomethane	2.750	94	120003	21.526	ug/l	93
6) Chloroethane	2.909	64	123278	21.146	ug/l	95
7) Trichlorofluoromethane	3.268	101	238012	21.436	ug/l	97
8) Diethyl Ether	3.709	74	68001	21.773	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	154676	21.934	ug/l	100
10) Methyl Iodide	4.297	142	120249	19.538	ug/l	100
11) Tert butyl alcohol	5.215	59	35410	106.239	ug/l #	91
12) 1,1-Dichloroethene	4.062	96	137856	21.513	ug/l	99
13) Acrolein	3.920	56	40602	87.021	ug/l	93
14) Allyl chloride	4.709	41	196107	20.873	ug/l	97
15) Acrylonitrile	5.415	53	159045	108.253	ug/l	100
16) Acetone	4.162	43	121522	104.435	ug/l	90
17) Carbon Disulfide	4.403	76	484241	21.134	ug/l	99
18) Methyl Acetate	4.715	43	76163	22.559	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	281685	21.216	ug/l	97
20) Methylene Chloride	4.962	84	232050	24.284	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	156787	20.764	ug/l	96
22) Diisopropyl ether	6.362	45	453045	22.191	ug/l	98
23) Vinyl Acetate	6.303	43	1046267	105.929	ug/l	100
24) 1,1-Dichloroethane	6.262	63	299861	21.265	ug/l	99
25) 2-Butanone	7.209	43	178344	113.019	ug/l	98
26) 2,2-Dichloropropane	7.203	77	225647	21.045	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	172319	21.387	ug/l	98
28) Bromochloromethane	7.538	49	120813	22.566	ug/l	98
29) Tetrahydrofuran	7.561	42	114533	112.186	ug/l	99
30) Chloroform	7.708	83	298385	21.047	ug/l	99
31) Cyclohexane	7.979	56	267279	21.236	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	252565	21.522	ug/l	99
36) 1,1-Dichloropropene	8.108	75	229578	21.404	ug/l	98
37) Ethyl Acetate	7.291	43	86887	22.251	ug/l	99
38) Carbon Tetrachloride	8.091	117	209282	21.360	ug/l	98
39) Methylcyclohexane	9.350	83	238713	19.432	ug/l	99
40) Benzene	8.350	78	666967	21.464	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	43445	21.201	ug/l	97
42) 1,2-Dichloroethane	8.420	62	172592	21.002	ug/l	98
43) Isopropyl Acetate	8.450	43	152207	21.734	ug/l	99
44) Trichloroethene	9.108	130	164161	21.452	ug/l	95
45) 1,2-Dichloropropane	9.379	63	172036	21.077	ug/l	99
46) Dibromomethane	9.473	93	87454	21.797	ug/l	97
47) Bromodichloromethane	9.661	83	223622	21.453	ug/l #	97
48) Methyl methacrylate	9.455	41	76936	22.246	ug/l	97
49) 1,4-Dioxane	9.455	88	18828	444.172	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	412676	113.239	ug/l	99
52) Toluene	10.402	92	416234	22.081	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	189180	21.621	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	223132	21.064	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	126262	22.280	ug/l	95
56) Ethyl methacrylate	10.655	69	132583	21.344	ug/l	100
57) 1,3-Dichloropropane	10.938	76	210086	21.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	278133	103.588	ug/l	100
59) 2-Hexanone	10.979	43	274760	113.983	ug/l	98
60) Dibromochloromethane	11.132	129	141664	22.073	ug/l	97
61) 1,2-Dibromoethane	11.244	107	112993	22.146	ug/l	98
64) Tetrachloroethene	10.867	164	128593	21.326	ug/l	98
65) Chlorobenzene	11.661	112	426648	21.770	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	153968	21.839	ug/l	98
67) Ethyl Benzene	11.738	91	746209	21.627	ug/l	99
68) m/p-Xylenes	11.849	106	597905	44.701	ug/l	99
69) o-Xylene	12.173	106	261199	21.480	ug/l	100
70) Styrene	12.191	104	471801	22.389	ug/l	99
71) Bromoform	12.349	173	77969	22.772	ug/l #	100
73) Isopropylbenzene	12.473	105	690031	21.200	ug/l	100
74) N-amyl acetate	12.279	43	146512	21.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	143630	22.096	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	96094m	19.957	ug/l	
77) Bromobenzene	12.749	156	158625	21.638	ug/l	100
78) n-propylbenzene	12.814	91	916842	21.931	ug/l	100
79) 2-Chlorotoluene	12.896	91	522657	21.524	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	605749	21.756	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	34757	21.899	ug/l	97
82) 4-Chlorotoluene	12.996	91	557552	21.962	ug/l	100
83) tert-Butylbenzene	13.214	119	475240	20.993	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	600338	21.856	ug/l	100
85) sec-Butylbenzene	13.391	105	781257	21.830	ug/l	100
86) p-Isopropyltoluene	13.508	119	633251	21.780	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	333747	21.684	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	323961	21.118	ug/l	98
89) n-Butylbenzene	13.832	91	610452	21.275	ug/l	99
90) Hexachloroethane	14.102	117	131053	21.279	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	286283	21.551	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	20702	22.117	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	157009	21.907	ug/l	99
94) Hexachlorobutadiene	15.249	225	93994	21.439	ug/l	98
95) Naphthalene	15.385	128	271299	21.490	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	133422	21.526	ug/l	99

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

