

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069473.D
 Acq On : 17 Jun 2021 12:02
 Operator : VA/SY
 Sample : VD0617SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0617SBS01

Manual Integrations
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MMDadoda
 6/18/2021 2:22:22 PM

Quant Time: Jun 18 01:24:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	389948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	651822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	627040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	313429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227787	51.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.560%	
35) Dibromofluoromethane	7.914	113	248968	50.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.000%	
50) Toluene-d8	10.338	98	949348	53.166	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.340%	
62) 4-Bromofluorobenzene	12.626	95	311461	54.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	73088	18.813	ug/l	100
3) Chloromethane	2.209	50	68084	17.519	ug/l	99
4) Vinyl Chloride	2.344	62	93563	19.905	ug/l	99
5) Bromomethane	2.750	94	69190	18.577	ug/l	99
6) Chloroethane	2.915	64	61702	19.080	ug/l	96
7) Trichlorofluoromethane	3.267	101	146508	19.057	ug/l	98
8) Diethyl Ether	3.703	74	37543	19.451	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	89401	19.555	ug/l	99
10) Methyl Iodide	4.297	142	70732	17.326	ug/l	100
11) Tert butyl alcohol	5.226	59	31339m	137.024	ug/l	
12) 1,1-Dichloroethene	4.062	96	79987	19.341	ug/l	95
13) Acrolein	3.920	56	25924	90.922	ug/l	95
14) Allyl chloride	4.714	41	97776	20.102	ug/l	97
15) Acrylonitrile	5.420	53	79142	106.719	ug/l	96
16) Acetone	4.162	43	69629	95.621	ug/l	94
17) Carbon Disulfide	4.403	76	235563	17.609	ug/l	99
18) Methyl Acetate	4.714	43	43490	23.082	ug/l	97
19) Methyl tert-butyl Ether	5.485	73	151098	20.039	ug/l	98
20) Methylene Chloride	4.967	84	131938	20.803	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	93607	19.332	ug/l	94
22) Diisopropyl ether	6.361	45	210685	21.785	ug/l	94
23) Vinyl Acetate	6.308	43	515163	94.589	ug/l	97
24) 1,1-Dichloroethane	6.261	63	165583	20.567	ug/l	99
25) 2-Butanone	7.208	43	93301	102.755	ug/l	99
26) 2,2-Dichloropropane	7.208	77	144956	20.435	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	105174	20.067	ug/l	98
28) Bromochloromethane	7.544	49	55831	18.930	ug/l	98
29) Tetrahydrofuran	7.555	42	50820	99.456	ug/l	97
30) Chloroform	7.708	83	179427	20.002	ug/l	99
31) Cyclohexane	7.985	56	114447	19.145	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	159299	20.214	ug/l	98
36) 1,1-Dichloropropene	8.108	75	128454	18.925	ug/l	99
37) Ethyl Acetate	7.297	43	42706	18.807	ug/l	98
38) Carbon Tetrachloride	8.091	117	139358	18.954	ug/l	89
39) Methylcyclohexane	9.355	83	121987	17.868	ug/l	98
40) Benzene	8.350	78	381338	19.304	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	23781	21.050	ug/l #	82
42) 1,2-Dichloroethane	8.420	62	104958	19.363	ug/l	98
43) Isopropyl Acetate	8.450	43	84090	19.584	ug/l	99
44) Trichloroethene	9.108	130	105730	19.191	ug/l	91
45) 1,2-Dichloropropane	9.385	63	95925	19.892	ug/l	99
46) Dibromomethane	9.479	93	51969	18.808	ug/l	95
47) Bromodichloromethane	9.661	83	139700	19.610	ug/l	95
48) Methyl methacrylate	9.449	41	39261	20.106	ug/l	95
49) 1,4-Dioxane	9.461	88	10161	377.621	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	215656	98.443	ug/l	99
52) Toluene	10.402	92	245527	19.574	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	118330	19.392	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	142194	19.385	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	76275	19.970	ug/l	98
56) Ethyl methacrylate	10.655	69	72508	18.509	ug/l	98
57) 1,3-Dichloropropane	10.944	76	122739	19.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	193075	95.669	ug/l	98
59) 2-Hexanone	10.979	43	146418	100.129	ug/l	96
60) Dibromochloromethane	11.138	129	94004	19.312	ug/l	98
61) 1,2-Dibromoethane	11.243	107	70773	19.290	ug/l	97
64) Tetrachloroethene	10.873	164	88998	18.352	ug/l	96
65) Chlorobenzene	11.667	112	265726	19.267	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	99572	18.810	ug/l	97
67) Ethyl Benzene	11.743	91	437368	18.909	ug/l	98
68) m/p-Xylenes	11.849	106	357352	38.895	ug/l	100
69) o-Xylene	12.179	106	155428	19.119	ug/l	99
70) Styrene	12.191	104	279768	19.559	ug/l	99
71) Bromoform	12.355	173	51550	18.810	ug/l #	96
73) Isopropylbenzene	12.473	105	412812	18.734	ug/l	100
74) N-amyl acetate	12.285	43	76084	19.247	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	83945	19.842	ug/l	96
76) 1,2,3-Trichloropropane	12.779	75	49571m	15.600	ug/l	
77) Bromobenzene	12.755	156	107917	19.533	ug/l	99
78) n-propylbenzene	12.814	91	525411	19.429	ug/l	99
79) 2-Chlorotoluene	12.902	91	304244	19.792	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	363912	19.590	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	24057	20.197	ug/l	95
82) 4-Chlorotoluene	12.996	91	322413	19.708	ug/l	99
83) tert-Butylbenzene	13.214	119	303182	19.171	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	368575	19.845	ug/l	100
85) sec-Butylbenzene	13.396	105	444061	19.100	ug/l	100
86) p-Isopropyltoluene	13.508	119	381242	18.876	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	210030	18.982	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	212235	19.256	ug/l	99
89) n-Butylbenzene	13.832	91	356298	18.963	ug/l	99
90) Hexachloroethane	14.102	117	74490	18.948	ug/l	96
91) 1,2-Dichlorobenzene	13.885	146	183774	19.037	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	12783	20.063	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	104299	18.568	ug/l	97
94) Hexachlorobutadiene	15.255	225	64362	18.325	ug/l	98
95) Naphthalene	15.390	128	172892	18.356	ug/l	97
96) 1,2,3-Trichlorobenzene	15.579	180	90190	18.494	ug/l	98

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

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