

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
 Data File : VD069420.D
 Acq On : 14 Jun 2021 12:06
 Operator : VA/SY
 Sample : VD0614SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 5:14:39 PM

Quant Time: Jun 15 07:24:48 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	388503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	623152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	605755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	304240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	228021	52.025	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.040%			
35) Dibromofluoromethane	7.914	113	242705	52.000	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.000%			
50) Toluene-d8	10.338	98	953905	55.879	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.760%			
62) 4-Bromofluorobenzene	12.626	95	300482	54.858	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	69027	17.834	ug/l	96
3) Chloromethane	2.209	50	69990	18.077	ug/l	97
4) Vinyl Chloride	2.350	62	90588	19.344	ug/l	97
5) Bromomethane	2.756	94	73804	19.985	ug/l	96
6) Chloroethane	2.915	64	64982	20.169	ug/l	97
7) Trichlorofluoromethane	3.268	101	156378	20.416	ug/l	97
8) Diethyl Ether	3.703	74	36742	19.107	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	96561	21.199	ug/l	98
10) Methyl Iodide	4.303	142	72075	17.645	ug/l	100
11) Tert butyl alcohol	5.209	59	34178	149.993	ug/l #	73
12) 1,1-Dichloroethene	4.068	96	80747	19.597	ug/l	96
13) Acrolein	3.921	56	25405	89.433	ug/l	92
14) Allyl chloride	4.715	41	94268	19.452	ug/l	99
15) Acrylonitrile	5.415	53	72479	98.098	ug/l	97
16) Acetone	4.156	43	70381	97.014	ug/l	97
17) Carbon Disulfide	4.403	76	254289	19.079	ug/l	98
18) Methyl Acetate	4.715	43	40313	21.276	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	147266	19.603	ug/l	94
20) Methylene Chloride	4.968	84	131686	20.855	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	94939	19.680	ug/l	97
22) Diisopropyl ether	6.362	45	201436	20.906	ug/l #	91
23) Vinyl Acetate	6.309	43	508053	93.809	ug/l	99
24) 1,1-Dichloroethane	6.267	63	164046	20.452	ug/l	98
25) 2-Butanone	7.214	43	89570	99.013	ug/l	99
26) 2,2-Dichloropropane	7.209	77	147339	20.848	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	105439	20.192	ug/l	98
28) Bromochloromethane	7.544	49	59272	20.171	ug/l	100
29) Tetrahydrofuran	7.561	42	49379	96.995	ug/l	98
30) Chloroform	7.709	83	183266	20.506	ug/l	97
31) Cyclohexane	7.985	56	117304	19.696	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	163102	20.774	ug/l	98
36) 1,1-Dichloropropene	8.109	75	132886	20.479	ug/l	99
37) Ethyl Acetate	7.297	43	44438	20.470	ug/l	96
38) Carbon Tetrachloride	8.097	117	144097	20.500	ug/l	93
39) Methylcyclohexane	9.356	83	126567	19.392	ug/l	98
40) Benzene	8.350	78	383651	20.314	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	20344	18.837	ug/l	91
42) 1,2-Dichloroethane	8.420	62	104298	20.127	ug/l	99
43) Isopropyl Acetate	8.450	43	82344	20.060	ug/l	99
44) Trichloroethene	9.108	130	108502	20.600	ug/l	97
45) 1,2-Dichloropropane	9.385	63	92376	20.037	ug/l	98
46) Dibromomethane	9.479	93	53225	20.149	ug/l	94
47) Bromodichloromethane	9.661	83	139308	20.455	ug/l	94
48) Methyl methacrylate	9.456	41	35798	19.176	ug/l	88
49) 1,4-Dioxane	9.461	88	10230	397.677	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	211714	101.090	ug/l	99
52) Toluene	10.397	92	253469	21.137	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	117933	20.216	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	140958	20.101	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	75796	20.758	ug/l	98
56) Ethyl methacrylate	10.655	69	71822	19.076	ug/l	99
57) 1,3-Dichloropropane	10.944	76	123070	20.705	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	183205	95.044	ug/l	99
59) 2-Hexanone	10.985	43	140171	100.267	ug/l	99
60) Dibromochloromethane	11.138	129	94720	20.354	ug/l	98
61) 1,2-Dibromoethane	11.244	107	70388	20.068	ug/l	99
64) Tetrachloroethene	10.873	164	95321	20.347	ug/l	94
65) Chlorobenzene	11.667	112	268882	20.181	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	103044	20.150	ug/l	100
67) Ethyl Benzene	11.744	91	443332	19.841	ug/l	98
68) m/p-Xylenes	11.850	106	361928	40.777	ug/l	100
69) o-Xylene	12.179	106	158936	20.237	ug/l	97
70) Styrene	12.191	104	284800	20.610	ug/l	98
71) Bromoform	12.355	173	55602	21.001	ug/l #	100
73) Isopropylbenzene	12.479	105	427781	19.999	ug/l	99
74) N-amyl acetate	12.285	43	75976	19.800	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	82883	20.183	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	60231m	19.527	ug/l	
77) Bromobenzene	12.755	156	106213	19.805	ug/l	99
78) n-propylbenzene	12.814	91	538470	20.514	ug/l	100
79) 2-Chlorotoluene	12.902	91	306322	20.529	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	370610	20.553	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	23838	20.617	ug/l	97
82) 4-Chlorotoluene	13.002	91	335118	21.103	ug/l	100
83) tert-Butylbenzene	13.220	119	305965	19.931	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	377261	20.927	ug/l	99
85) sec-Butylbenzene	13.396	105	462956	20.515	ug/l	99
86) p-Isopropyltoluene	13.508	119	397428	20.272	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	218447	20.339	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	214268	20.028	ug/l	99
89) n-Butylbenzene	13.838	91	363257	19.917	ug/l	99
90) Hexachloroethane	14.102	117	75581	19.806	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	189636	20.238	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	12139	19.628	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	105913	19.425	ug/l	99
94) Hexachlorobutadiene	15.255	225	69623	20.421	ug/l	98
95) Naphthalene	15.390	128	169357	18.491	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	92720	19.587	ug/l	98

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

