

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069472.D
 Acq On : 17 Jun 2021 11:34
 Operator : VA/SY
 Sample : VD0617SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0617SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2021 2:22:21 PM

Quant Time: Jun 18 01:24:20 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	386505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	631714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	604309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	302620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	226178	51.871	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.740%			
35) Dibromofluoromethane	7.914	113	238553	50.417	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.840%			
50) Toluene-d8	10.338	98	925701	53.492	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.626	95	302475	54.473	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	74460	19.337	ug/l	97
3) Chloromethane	2.209	50	70393	18.275	ug/l	99
4) Vinyl Chloride	2.344	62	92895	19.939	ug/l	98
5) Bromomethane	2.750	94	71583	19.449	ug/l	96
6) Chloroethane	2.915	64	62547	19.514	ug/l	94
7) Trichlorofluoromethane	3.268	101	148606	19.502	ug/l	99
8) Diethyl Ether	3.703	74	37978	19.852	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	89640	19.782	ug/l	98
10) Methyl Iodide	4.297	142	66599	16.626	ug/l	100
11) Tert butyl alcohol	5.220	59	26186	115.513	ug/l #	88
12) 1,1-Dichloroethene	4.062	96	79871	19.485	ug/l	95
13) Acrolein	3.920	56	23912	84.613	ug/l	88
14) Allyl chloride	4.715	41	98370	20.404	ug/l	95
15) Acrylonitrile	5.420	53	73533	100.039	ug/l	100
16) Acetone	4.162	43	66780	92.526	ug/l	97
17) Carbon Disulfide	4.403	76	239208	18.040	ug/l	100
18) Methyl Acetate	4.720	43	42608	22.782	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	147148	19.689	ug/l	92
20) Methylene Chloride	4.956	84	130102	20.656	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	94337	19.656	ug/l	97
22) Diisopropyl ether	6.356	45	203583	21.238	ug/l #	91
23) Vinyl Acetate	6.303	43	500902	93.124	ug/l	100
24) 1,1-Dichloroethane	6.261	63	164687	20.638	ug/l	97
25) 2-Butanone	7.208	43	85565	95.075	ug/l	95
26) 2,2-Dichloropropane	7.203	77	142656	20.289	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	103913	20.003	ug/l	98
28) Bromochloromethane	7.544	49	55916	19.127	ug/l	99
29) Tetrahydrofuran	7.561	42	47991	94.756	ug/l	99
30) Chloroform	7.703	83	181464	20.409	ug/l	96
31) Cyclohexane	7.985	56	115578	19.506	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	156506	20.037	ug/l	99
36) 1,1-Dichloropropene	8.108	75	129856	19.741	ug/l	99
37) Ethyl Acetate	7.285	43	41957	19.065	ug/l #	95
38) Carbon Tetrachloride	8.091	117	139483	19.575	ug/l	90
39) Methylcyclohexane	9.355	83	122802	18.560	ug/l	97
40) Benzene	8.350	78	383871	20.050	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	26489m	24.194	ug/l	
42) 1,2-Dichloroethane	8.420	62	102841	19.576	ug/l	99
43) Isopropyl Acetate	8.450	43	78213	18.795	ug/l	99
44) Trichloroethene	9.108	130	105122	19.688	ug/l	98
45) 1,2-Dichloropropane	9.385	63	92853	19.868	ug/l	98
46) Dibromomethane	9.473	93	51723	19.315	ug/l	97
47) Bromodichloromethane	9.661	83	140623	20.368	ug/l	98
48) Methyl methacrylate	9.455	41	35727	18.879	ug/l	90
49) 1,4-Dioxane	9.461	88	10125	388.261	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	207860	97.904	ug/l	99
52) Toluene	10.402	92	250484	20.605	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	118332	20.010	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	141278	19.873	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	73332	19.811	ug/l	95
56) Ethyl methacrylate	10.661	69	70707	18.607	ug/l	96
57) 1,3-Dichloropropane	10.944	76	121025	20.085	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	193928	98.716	ug/l	97
59) 2-Hexanone	10.979	43	137542	97.053	ug/l	95
60) Dibromochloromethane	11.138	129	93588	19.839	ug/l	96
61) 1,2-Dibromoethane	11.244	107	68902	19.378	ug/l	98
64) Tetrachloroethene	10.873	164	89736	19.200	ug/l	97
65) Chlorobenzene	11.667	112	266311	20.036	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	103478	20.283	ug/l	98
67) Ethyl Benzene	11.744	91	438260	19.661	ug/l	97
68) m/p-Xylenes	11.849	106	362183	40.904	ug/l	99
69) o-Xylene	12.179	106	156232	19.941	ug/l	100
70) Styrene	12.191	104	283584	20.571	ug/l	98
71) Bromoform	12.355	173	52455	19.860	ug/l #	99
73) Isopropylbenzene	12.473	105	422664	19.866	ug/l	100
74) N-amyl acetate	12.285	43	72951	19.113	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	82553	20.210	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	48181m	15.704	ug/l	
77) Bromobenzene	12.755	156	107166	20.090	ug/l	99
78) n-propylbenzene	12.814	91	536216	20.537	ug/l	99
79) 2-Chlorotoluene	12.902	91	302962	20.413	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	367041	20.464	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	22406	19.482	ug/l	97
82) 4-Chlorotoluene	12.996	91	327525	20.736	ug/l	98
83) tert-Butylbenzene	13.220	119	302235	19.794	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	370992	20.689	ug/l	99
85) sec-Butylbenzene	13.396	105	448395	19.976	ug/l	99
86) p-Isopropyltoluene	13.508	119	386898	19.840	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	214064	20.038	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	209845	19.720	ug/l	97
89) n-Butylbenzene	13.838	91	363013	20.011	ug/l	99
90) Hexachloroethane	14.102	117	74265	19.565	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	184128	19.755	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	11750	19.100	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	103954	19.168	ug/l	99
94) Hexachlorobutadiene	15.255	225	67298	19.845	ug/l	99
95) Naphthalene	15.390	128	167019	18.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	89201	18.944	ug/l	98

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

