

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022221\
 Data File : VD068413.D
 Acq On : 22 Feb 2021 11:32
 Operator : VA/SY
 Sample : VD0222SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBS01

Manual Integrations
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 2/23/2021 1:04:51 PM

Quant Time: Feb 22 15:17:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	395752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	693699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	632348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	290739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	199903	49.41	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.82%		
35) Dibromofluoromethane	7.914	113	208243	50.57	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.14%		
50) Toluene-d8	10.338	98	826178	48.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.82%		
62) 4-Bromofluorobenzene	12.632	95	267932	48.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	73718	20.33	ug/l	95
3) Chloromethane	2.209	50	87809	20.34	ug/l	89
4) Vinyl Chloride	2.350	62	104142	20.15	ug/l	100
5) Bromomethane	2.756	94	72514	19.63	ug/l	98
6) Chloroethane	2.920	64	69074	20.46	ug/l	96
7) Trichlorofluoromethane	3.273	101	131809	20.72	ug/l	95
8) Diethyl Ether	3.715	74	38090	20.39	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	80973	20.92	ug/l	94
10) Methyl Iodide	4.309	142	66643	18.33	ug/l	95
11) Tert butyl alcohol	5.238	59	23360	115.17	ug/l	99
12) 1,1-Dichloroethene	4.073	96	75012	19.93	ug/l	98
13) Acrolein	3.932	56	18471	79.64	ug/l	98
14) Allyl chloride	4.709	41	100261	20.49	ug/l	99
15) Acrylonitrile	5.420	53	85701	106.28	ug/l	98
16) Acetone	4.156	43	76506	122.57	ug/l	97
17) Carbon Disulfide	4.409	76	214773	19.70	ug/l	98
18) Methyl Acetate	4.720	43	34218	19.97	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	178176	20.98	ug/l	95
20) Methylene Chloride	4.967	84	102700	21.98	ug/l	95
21) trans-1,2-Dichloroethene	5.479	96	89043	20.44	ug/l	95
22) Diisopropyl ether	6.361	45	228919	21.14	ug/l #	95
23) Vinyl Acetate	6.309	43	578358	103.43	ug/l	95
24) 1,1-Dichloroethane	6.267	63	153964	20.78	ug/l	98
25) 2-Butanone	7.214	43	94681	108.49	ug/l	97
26) 2,2-Dichloropropane	7.208	77	130300	20.56	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	103669	20.94	ug/l	98
28) Bromochloromethane	7.544	49	63124	20.54	ug/l #	80
29) Tetrahydrofuran	7.567	42	60085	106.43	ug/l	98
30) Chloroform	7.714	83	161266	20.92	ug/l	92
31) Cyclohexane	7.985	56	132096	20.85	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	137642	20.67	ug/l	94
36) 1,1-Dichloropropene	8.114	75	124320	20.26	ug/l	95
37) Ethyl Acetate	7.291	43	45102	21.75	ug/l	96
38) Carbon Tetrachloride	8.097	117	117819	20.13	ug/l	98
39) Methylcyclohexane	9.355	83	153028	20.33	ug/l	100
40) Benzene	8.350	78	358312	20.47	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	24073m	20.17	ug/l	
42) 1,2-Dichloroethane	8.426	62	98752	21.15	ug/l	96
43) Isopropyl Acetate	8.455	43	84441	21.26	ug/l	99
44) Trichloroethene	9.114	130	96921	20.35	ug/l	93
45) 1,2-Dichloropropane	9.391	63	90903	21.28	ug/l	96
46) Dibromomethane	9.479	93	47683	20.58	ug/l	93
47) Bromodichloromethane	9.661	83	126046	20.98	ug/l	95
48) Methyl methacrylate	9.455	41	39476	19.92	ug/l	91
49) 1,4-Dioxane	9.461	88	11898	439.50	ug/l #	92
51) 4-Methyl-2-Pentanone	10.232	43	215277	105.55	ug/l	98
52) Toluene	10.402	92	232418	20.65	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	117336	21.11	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	138927	20.45	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	68464	21.39	ug/l	88
56) Ethyl methacrylate	10.661	69	75920	19.99	ug/l	96
57) 1,3-Dichloropropane	10.949	76	115659	20.59	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	199292	97.99	ug/l	94
59) 2-Hexanone	10.985	43	152404	110.54	ug/l	99
60) Dibromochloromethane	11.144	129	83722	21.08	ug/l	98
61) 1,2-Dibromoethane	11.244	107	65973	21.33	ug/l	96
64) Tetrachloroethene	10.879	164	79423	20.41	ug/l	97
65) Chlorobenzene	11.673	112	245565	20.20	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.744	131	88406	20.84	ug/l	97
67) Ethyl Benzene	11.744	91	443861	20.36	ug/l	99
68) m/p-Xylenes	11.855	106	339279	41.18	ug/l	100
69) o-Xylene	12.179	106	157397	20.82	ug/l	96
70) Styrene	12.196	104	268362	20.41	ug/l	99
71) Bromoform	12.361	173	45294	20.78	ug/l #	100
73) Isopropylbenzene	12.479	105	428835	20.19	ug/l	99
74) N-amyl acetate	12.291	43	77427	20.65	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	79099	21.49	ug/l	97
76) 1,2,3-Trichloropropane	12.785	75	62612m	22.63	ug/l	
77) Bromobenzene	12.761	156	94650	19.95	ug/l	89
78) n-propylbenzene	12.820	91	516763	20.33	ug/l	97
79) 2-Chlorotoluene	12.908	91	285083	20.25	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	352376	20.31	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	24055	21.79	ug/l	96
82) 4-Chlorotoluene	13.002	91	302888	20.35	ug/l	98
83) tert-Butylbenzene	13.220	119	306926	20.39	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	352795	20.41	ug/l	99
85) sec-Butylbenzene	13.396	105	428918	20.37	ug/l	98
86) p-Isopropyltoluene	13.514	119	386679	20.46	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	187406	20.42	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	190642	20.87	ug/l	99
89) n-Butylbenzene	13.843	91	373301	20.24	ug/l	97
90) Hexachloroethane	14.108	117	71842	20.93	ug/l	87
91) 1,2-Dichlorobenzene	13.890	146	161655	20.31	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	10949	20.35	ug/l	90
93) 1,2,4-Trichlorobenzene	15.161	180	108920	20.90	ug/l	98
94) Hexachlorobutadiene	15.261	225	58852	20.53	ug/l	100
95) Naphthalene	15.396	128	197948	20.43	ug/l	98
96) 1,2,3-Trichlorobenzene	15.590	180	93523	20.57	ug/l	98

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

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