

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010821\
 Data File : VX020536.D
 Acq On : 08 Jan 2021 12:48
 Operator : JC/MD
 Sample : L5214-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT1-2021-02

Quant Time: Jan 09 04:42:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 09 04:41:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.824	114	326154	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	317775	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	140336	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	128281	48.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.90%			
7) Chloroethane-d5	1.691	69	106805	52.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.30%			
11) 1,1-Dichloroethene-d2	2.343	63	190406	38.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.80%			
21) 2-Butanone-d5	4.525	46	180734	112.57	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.57%			
24) Chloroform-d	5.129	84	256250	56.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.66%			
26) 1,2-Dichloroethane-d4	6.025	65	164623	55.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.28%			
32) Benzene-d6	6.043	84	513772	53.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.50%			
36) 1,2-Dichloropropane-d6	7.366	67	162721	55.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.10%			
41) Toluene-d8	8.689	98	441121	50.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.82%			
43) trans-1,3-Dichloroprop...	8.988	79	72998	50.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.54%			
47) 2-Hexanone-d5	9.421	63	134687	103.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.17%			
56) 1,1,2,2-Tetrachloroeth...	11.232	84	211229	51.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.90%			
66) 1,2-Dichlorobenzene-d4	12.359	152	159656	58.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	10860	3.42	ug/L	98
3) Chloromethane	1.313	50	9839	3.44	ug/L	94
5) Vinyl chloride	1.392	62	10766	3.55	ug/L #	80
6) Bromomethane	1.636	94	6245	4.07	ug/L	98
8) Chloroethane	1.715	64	6688	3.68	ug/L	99
9) Trichlorofluoromethane	1.916	101	13180	3.45	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.361	101	9819	4.13	ug/L	89
12) 1,1-Dichloroethene	2.355	96	9574	4.12	ug/L #	1
13) Acetone	2.422	43	10047	7.63	ug/L	99
14) Carbon disulfide	2.550	76	23862	3.20	ug/L	98
15) Methyl Acetate	2.745	43	8885	3.39	ug/L	99
16) Methylene chloride	2.831	84	10173	3.66	ug/L	98
17) trans-1,2-Dichloroethene	3.135	96	8538	3.41	ug/L	97
18) Methyl tert-butyl Ether	3.160	73	23593	3.12	ug/L	98
19) 1,1-Dichloroethane	3.666	63	15531	3.43	ug/L	98
20) cis-1,2-Dichloroethene	4.556	96	9376	3.43	ug/L	96
22) 2-Butanone	4.635	43	12724	6.54	ug/L	100
23) Bromochloromethane	4.977	128	4890	3.46	ug/L	90
25) Chloroform	5.166	83	17708	3.59	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.153	62	12955	3.56	ug/L	98
29) Cyclohexane	5.537	56	10993	2.81	ug/L	99
30) 1,1,1-Trichloroethane	5.458	97	13620	3.35	ug/L #	79
31) Carbon tetrachloride	5.745	117	11468	3.34	ug/L #	50
33) Benzene	6.104	78	35710	3.40	ug/L	100
34) Trichloroethene	7.184	95	8962	3.35	ug/L	89
35) Methylcyclohexane	7.433	83	11797	2.93	ug/L	98
37) 1,2-Dichloropropane	7.482	63	9070	3.40	ug/L #	95
38) Bromodichloromethane	7.872	83	11114	3.25	ug/L	99
39) cis-1,3-Dichloropropene	8.409	75	13091	3.27	ug/L	99
40) 4-Methyl-2-pentanone	8.616	43	19553	5.59	ug/L	99
42) Toluene	8.763	91	35657	3.24	ug/L	100
44) trans-1,3-Dichloropropene	9.019	75	12677	3.24	ug/L	97
45) 1,1,2-Trichloroethane	9.195	97	8777	3.33	ug/L	97
46) Tetrachloroethene	9.317	164	7059	3.40	ug/L	91
48) 2-Hexanone	9.470	43	18836	6.81	ug/L	97
49) Dibromochloromethane	9.561	129	8353	3.09	ug/L	100
50) 1,2-Dibromoethane	9.653	107	8751	3.20	ug/L	96
51) Chlorobenzene	10.116	112	22336	3.21	ug/L	97
52) Ethylbenzene	10.232	91	33795	2.87	ug/L	95
53) m,p-Xylene	10.342	106	12094	2.75	ug/L	92
54) o-Xylene	10.683	106	11357	2.66	ug/L	98
55) Styrene	10.695	104	18164	2.52	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.250	83	13439	3.21	ug/L	97
59) Bromoform	10.835	173	5419	3.09	ug/L	98
60) Isopropylbenzene	11.000	105	28253	2.86	ug/L	99
61) 1,2,3-Trichloropropane	11.274	75	11093	3.62	ug/L	98
62) 1,3,5-Trimethylbenzene	11.488	105	21069	2.61	ug/L	99
63) 1,2,4-Trimethylbenzene	11.786	105	20169	2.48	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	14343	3.11	ug/L	99
65) 1,4-Dichlorobenzene	12.079	146	15618	3.35	ug/L	98
67) 1,2-Dichlorobenzene	12.372	146	15767	3.43	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.981	75	2356	3.04	ug/L	88
69) 1,3,5-Trichlorobenzene	13.152	180	9947	3.14	ug/L	99
70) 1,2,4-trichlorobenzene	13.627	180	7645	2.80	ug/L	97
71) Naphthalene	13.816	128	21457	2.38	ug/L	99
72) 1,2,3-Trichlorobenzene	13.999	180	8077	2.88	ug/L	99

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

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