

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010821\
 Data File : VX020541.D
 Acq On : 08 Jan 2021 16:10
 Operator : JC/MD
 Sample : L5214-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jan 09 04:43:29 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	6.830	114	334207	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.098	117	319781	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	137872	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	119194	44.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.78%
7) Chloroethane-d5	1.691	69	99783	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.10%
11) 1,1-Dichloroethene-d2	2.343	63	176313	35.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.32%
21) 2-Butanone-d5	4.532	46	178234	108.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.33%
24) Chloroform-d	5.135	84	241537	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.56%
26) 1,2-Dichloroethane-d4	6.031	65	158075	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.34%
32) Benzene-d6	6.050	84	489205	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.72%
36) 1,2-Dichloropropane-d6	7.366	67	156986	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.56%
41) Toluene-d8	8.695	98	429929	49.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.60%
43) trans-1,3-Dichloroprop...	8.994	79	71709	49.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.12%
47) 2-Hexanone-d5	9.427	63	141646	107.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.82%
56) 1,1,2,2-Tetrachloroeth...	11.232	84	206130	49.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.78%
66) 1,2-Dichlorobenzene-d4	12.359	152	146772	54.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.62%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	7569	2.33	ug/L	99
3) Chloromethane	1.313	50	7113	2.43	ug/L	96
5) Vinyl chloride	1.392	62	7873	2.53	ug/L #	80
6) Bromomethane	1.636	94	4272	2.71	ug/L	97
8) Chloroethane	1.715	64	4486	2.41	ug/L	97
9) Trichlorofluoromethane	1.916	101	9632	2.46	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.367	101	7539	3.10	ug/L #	83
12) 1,1-Dichloroethene	2.355	96	6856	2.88	ug/L #	1
13) Acetone	2.422	43	6420	4.76	ug/L	100
14) Carbon disulfide	2.550	76	16316	2.14	ug/L	98
15) Methyl Acetate	2.745	43	6002	2.24	ug/L	99
16) Methylene chloride	2.837	84	7193	2.53	ug/L	92
17) trans-1,2-Dichloroethene	3.142	96	6088	2.38	ug/L	99
18) Methyl tert-butyl Ether	3.166	73	17195	2.22	ug/L	99
19) 1,1-Dichloroethane	3.666	63	10839	2.34	ug/L	99
20) cis-1,2-Dichloroethene	4.556	96	6414	2.29	ug/L	86
22) 2-Butanone	4.635	43	8507	4.27	ug/L #	67
23) Bromochloromethane	4.977	128	3292	2.27	ug/L	88
25) Chloroform	5.178	83	12754	2.52	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.159	62	8885	2.38	ug/L	96
29) Cyclohexane	5.550	56	8205	2.08	ug/L	100
30) 1,1,1-Trichloroethane	5.464	97	9694	2.37	ug/L #	80
31) Carbon tetrachloride	5.757	117	7762	2.25	ug/L	98
33) Benzene	6.111	78	25358	2.40	ug/L	100
34) Trichloroethene	7.184	95	6506	2.42	ug/L	97
35) Methylcyclohexane	7.440	83	8247	2.04	ug/L	95
37) 1,2-Dichloropropane	7.482	63	6393	2.38	ug/L	98
38) Bromodichloromethane	7.872	83	7711	2.24	ug/L	97
39) cis-1,3-Dichloropropene	8.415	75	9362	2.32	ug/L	97
40) 4-Methyl-2-pentanone	8.622	43	15111	4.29	ug/L	98
42) Toluene	8.762	91	26053	2.35	ug/L	99
44) trans-1,3-Dichloropropene	9.019	75	9560	2.43	ug/L	99
45) 1,1,2-Trichloroethane	9.195	97	6292	2.37	ug/L	98
46) Tetrachloroethene	9.317	164	5034	2.41	ug/L	89
48) 2-Hexanone	9.470	43	13948	5.01	ug/L	96
49) Dibromochloromethane	9.561	129	5774	2.12	ug/L	97
50) 1,2-Dibromoethane	9.653	107	6410	2.33	ug/L	100
51) Chlorobenzene	10.122	112	16495	2.35	ug/L	99
52) Ethylbenzene	10.232	91	24164	2.04	ug/L	98
53) m,p-Xylene	10.341	106	9062	2.05	ug/L	99
54) o-Xylene	10.683	106	8438	1.97	ug/L	91
55) Styrene	10.695	104	13365	1.84	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.250	83	9947	2.36	ug/L	95
59) Bromoform	10.841	173	3900	2.26	ug/L #	96
60) Isopropylbenzene	11.000	105	21202	2.18	ug/L	99
61) 1,2,3-Trichloropropane	11.280	75	7704	2.56	ug/L	98
62) 1,3,5-Trimethylbenzene	11.488	105	15928	2.01	ug/L	100
63) 1,2,4-Trimethylbenzene	11.786	105	14318	1.79	ug/L	98
64) 1,3-Dichlorobenzene	12.006	146	10413	2.30	ug/L	97
65) 1,4-Dichlorobenzene	12.079	146	10832	2.36	ug/L	98
67) 1,2-Dichlorobenzene	12.372	146	11268	2.49	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.981	75	1688	2.22	ug/L	98
69) 1,3,5-Trichlorobenzene	13.152	180	7280	2.34	ug/L	99
70) 1,2,4-trichlorobenzene	13.627	180	6180	2.31	ug/L	97
71) Naphthalene	13.816	128	14552	1.64	ug/L	99
72) 1,2,3-Trichlorobenzene	13.999	180	6085	2.21	ug/L	99

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

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