Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110320\
Data File : VX019229.D
Acq On : 03 Nov 2020 13:02
Operator : JC/MD
Sample : L4485-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-05

Quant Time: Nov 04 01:23:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 01:20:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	439701	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	407891	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	180820	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	173742	45.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.80%			
7) Chloroethane-d5	1.70	69	139929	49.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.56%			
11) 1,1-Dichloroethene-d2	2.34	63	233727	37.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.84%			
21) 2-Butanone-d5	4.53	46	212735	110.16	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.16%			
24) Chloroform-d	5.14	84	293274	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.14%			
26) 1,2-Dichloroethane-d4	6.03	65	204342	46.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.30%			
32) Benzene-d6	6.05	84	624669	49.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.66%			
36) 1,2-Dichloropropane-d6	7.37	67	187490	50.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.30%			
41) Toluene-d8	8.70	98	573931	44.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.30%			
43) trans-1,3-Dichloropropene-	8.99	79	96235	48.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.06%			
47) 2-Hexanone-d5	9.43	63	168207	108.92	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.92%			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	220829	50.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.14%			
66) 1,2-Dichlorobenzene-d4	12.36	152	184298	50.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.52%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	6750	2.422	ug/L	95
3) Chloromethane	1.31	50	7501	2.649	ug/L	97
5) Vinyl chloride	1.39	62	8935	2.800	ug/L #	69
6) Bromomethane	1.64	94	5565	2.639	ug/L	96
8) Chloroethane	1.72	64	5417	2.724	ug/L	94
9) Trichlorofluoromethane	1.92	101	11978	2.530	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	8779	3.215	ug/L #	83
12) 1,1-Dichloroethene	2.36	96	8401	3.170	ug/L #	1
13) Acetone	2.43	43	6418	5.378	ug/L	98
14) Carbon disulfide	2.56	76	19137	2.393	ug/L	98
15) Methyl Acetate	2.75	43	8036	3.085	ug/L	95
16) Methylene chloride	2.84	84	8169	2.765	ug/L	96
17) trans-1,2-Dichloroethene	3.15	96	7194	2.525	ug/L	90
18) Methyl tert-butyl Ether	3.17	73	22198	2.465	ug/L	97
19) 1,1-Dichloroethane	3.67	63	12431	2.456	ug/L	95
20) cis-1,2-Dichloroethene	4.57	96	8144	2.603	ug/L	93
22) 2-Butanone	4.64	43	10245	5.436	ug/L	96

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-05

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	4194	2.661 ug/L	80
25) Chloroform	5.18	83	24976	4.701 ug/L	95
27) 1,2-Dichloroethane	6.17	62	11245	2.688 ug/L	99
29) Cyclohexane	5.55	56	11213	2.388 ug/L	98
30) 1,1,1-Trichloroethane	5.46	97	11939	2.428 ug/L	98
31) Carbon tetrachloride	5.75	117	9857	2.333 ug/L	100
33) Benzene	6.12	78	29832	2.547 ug/L	100
34) Trichloroethene	7.19	95	7767	2.430 ug/L	92
35) Methylcyclohexane	7.44	83	11816	2.336 ug/L	99
37) 1,2-Dichloropropane	7.49	63	7688	2.643 ug/L	98
38) Bromodichloromethane	7.87	83	9674	2.391 ug/L #	91
39) cis-1,3-Dichloropropene	8.42	75	11904	2.463 ug/L	95
40) 4-Methyl-2-pentanone	8.62	43	18676	5.250 ug/L	97
42) Toluene	8.76	91	39911	3.133 ug/L	98
44) trans-1,3-Dichloropropene	9.02	75	11852	2.517 ug/L	94
45) 1,1,2-Trichloroethane	9.20	97	7267	2.543 ug/L	95
46) Tetrachloroethene	9.32	164	5781	2.397 ug/L	94
48) 2-Hexanone	9.48	43	17517	6.249 ug/L	98
49) Dibromochloromethane	9.56	129	7330	2.345 ug/L	93
50) 1,2-Dibromoethane	9.65	107	7706	2.578 ug/L	86
51) Chlorobenzene	10.12	112	20254	2.557 ug/L	98
52) Ethylbenzene	10.23	91	34228	2.485 ug/L	97
53) m,p-Xylene	10.34	106	12707	2.456 ug/L	93
54) o-Xylene	10.68	106	11835	2.363 ug/L	96
55) Styrene	10.70	104	18936	2.241 ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	10361	2.645 ug/L #	98
59) Bromoform	10.84	173	4343	2.217 ug/L #	96
60) Isopropylbenzene	11.00	105	31042	2.530 ug/L	98
61) 1,2,3-Trichloropropane	11.28	75	8508	2.762 ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	23654	2.343 ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	23508	2.462 ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	13087	2.470 ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	13757	2.559 ug/L	96
67) 1,2-Dichlorobenzene	12.37	146	13183	2.570 ug/L #	93
68) 1,2-Dibromo-3-chloropropan	12.98	75	1978	2.358 ug/L	93
69) 1,3,5-Trichlorobenzene	13.15	180	8744	2.356 ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	7719	2.257 ug/L	96
71) Naphthalene	13.82	128	24034	2.173 ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	7860	2.349 ug/L	98

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

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