Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110520\
Data File : VX019270.D
Acq On : 04 Nov 2020 14:17
Operator : JC/MD
Sample : L4485-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-07

Quant Time: Nov 04 14:42:42 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	396561	50.00	ug/L		0.00
28) Chlorobenzene-d5	10.10	117	356495	50.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	173092	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	141519	41.45	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.90%				
7) Chloroethane-d5	1.70	69	119698	47.22	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.44%				
11) 1,1-Dichloroethene-d2	2.34	63	195577	34.72	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.44%				
21) 2-Butanone-d5	4.53	46	196954	113.08	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.08%				
24) Chloroform-d	5.14	84	254130	45.70	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.40%				
26) 1,2-Dichloroethane-d4	6.03	65	180452	45.68	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.36%				
32) Benzene-d6	6.05	84	534234	48.27	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.54%				
36) 1,2-Dichloropropane-d6	7.37	67	163146	49.93	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.86%				
41) Toluene-d8	8.70	98	481141	42.83	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.66%				
43) trans-1,3-Dichloropropene-	8.99	79	80634	46.53	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.06%				
47) 2-Hexanone-d5	9.43	63	155208	114.99	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 114.99%				
56) 1,1,2,2-Tetrachloroethane-	11.23	84	216532	56.17	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.34%				
66) 1,2-Dichlorobenzene-d4	12.36	152	173305	49.87	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.74%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	6701	2.666	ug/L		98
3) Chloromethane	1.31	50	7086	2.775	ug/L		95
5) Vinyl chloride	1.39	62	8545	2.969	ug/L	#	69
6) Bromomethane	1.64	94	5593	2.941	ug/L		100
8) Chloroethane	1.72	64	5486	3.058	ug/L		94
9) Trichlorofluoromethane	1.92	101	11704	2.741	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	8537	3.466	ug/L	#	83
12) 1,1-Dichloroethene	2.36	96	7935	3.320	ug/L	#	1
13) Acetone	2.43	43	6763	6.283	ug/L		99
14) Carbon disulfide	2.56	76	18314	2.539	ug/L		97
15) Methyl Acetate	2.75	43	7091	3.019	ug/L		99
16) Methylene chloride	2.84	84	7944	2.981	ug/L		99
17) trans-1,2-Dichloroethene	3.14	96	6977	2.716	ug/L		99
18) Methyl tert-butyl Ether	3.17	73	22402	2.758	ug/L		98
19) 1,1-Dichloroethane	3.67	63	12585	2.757	ug/L		99
20) cis-1,2-Dichloroethene	4.56	96	7751	2.747	ug/L		88
22) 2-Butanone	4.64	43	9662	5.684	ug/L	#	71

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	3912	2.753 ug/L	87
25) Chloroform	5.18	83	27648	5.770 ug/L	97
27) 1,2-Dichloroethane	6.17	62	10980	2.910 ug/L #	94
29) Cyclohexane	5.54	56	10990	2.678 ug/L	98
30) 1,1,1-Trichloroethane	5.46	97	11676	2.717 ug/L	98
31) Carbon tetrachloride	5.76	117	9725	2.634 ug/L	97
33) Benzene	6.12	78	28831	2.817 ug/L	100
34) Trichloroethene	7.19	95	7787	2.788 ug/L	93
35) Methylcyclohexane	7.44	83	11141	2.520 ug/L	99
37) 1,2-Dichloropropane	7.49	63	7525	2.960 ug/L	98
38) Bromodichloromethane	7.87	83	9285	2.626 ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	11187	2.649 ug/L	96
40) 4-Methyl-2-pentanone	8.62	43	17955	5.775 ug/L	99
42) Toluene	8.76	91	37589	3.376 ug/L	97
44) trans-1,3-Dichloropropene	9.02	75	11500	2.795 ug/L	95
45) 1,1,2-Trichloroethane	9.20	97	7024	2.812 ug/L	93
46) Tetrachloroethene	9.32	164	5680	2.695 ug/L	88
48) 2-Hexanone	9.47	43	18232	7.442 ug/L	94
49) Dibromochloromethane	9.56	129	6970	2.551 ug/L	96
50) 1,2-Dibromoethane	9.65	107	7327	2.805 ug/L	100
51) Chlorobenzene	10.12	112	19073	2.755 ug/L	96
52) Ethylbenzene	10.24	91	32494	2.700 ug/L	99
53) m,p-Xylene	10.34	106	11627	2.571 ug/L	99
54) o-Xylene	10.68	106	11411	2.607 ug/L	97
55) Styrene	10.70	104	18325	2.481 ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	11504	3.361 ug/L	97
59) Bromoform	10.84	173	4273	2.279 ug/L	96
60) Isopropylbenzene	11.00	105	29583	2.518 ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	9090	3.083 ug/L	96
62) 1,3,5-Trimethylbenzene	11.49	105	22928	2.372 ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	23119	2.529 ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	13804	2.722 ug/L	99
65) 1,4-Dichlorobenzene	12.08	146	13926	2.706 ug/L	95
67) 1,2-Dichlorobenzene	12.38	146	13742	2.798 ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.98	75	2046	2.548 ug/L	93
69) 1,3,5-Trichlorobenzene	13.15	180	9460	2.663 ug/L	95
70) 1,2,4-trichlorobenzene	13.63	180	8116	2.479 ug/L	98
71) Naphthalene	13.82	128	24517	2.316 ug/L	98
72) 1,2,3-Trichlorobenzene	14.00	180	8030	2.507 ug/L	97

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

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