Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\
Data File : VU026844.D
Acq On : 18 Sep 2018 07:55
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05046

Quant Time: Sep 19 04:43:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	256922	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	245073	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	128290	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	89469	47.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.16%			
7) Chloroethane-d5	1.68	69	78067	47.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.98%			
11) 1,1-Dichloroethene-d2	2.27	63	173297	48.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.38%			
21) 2-Butanone-d5	4.18	46	127805	101.33	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.33%			
24) Chloroform-d	4.65	84	176104	49.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.90%			
26) 1,2-Dichloroethane-d4	5.31	65	108493	48.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.74%			
32) Benzene-d6	5.34	84	352176	51.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.56%			
36) 1,2-Dichloropropane-d6	6.33	67	111475	50.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.74%			
41) Toluene-d8	7.57	98	323984	52.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.42%			
43) trans-1,3-Dichloropropene-	7.85	79	50694	51.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.62%			
47) 2-Hexanone-d5	8.31	63	93609	107.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.63%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	151885	49.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	130783	49.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	121392	49.994	ug/L	99
3) Chloromethane	1.33	50	122678	49.531	ug/L	100
5) Vinyl chloride	1.40	62	120808	50.120	ug/L	100
6) Bromomethane	1.62	94	62452	52.458	ug/L	100
8) Chloroethane	1.70	64	73859	48.898	ug/L	98
9) Trichlorofluoromethane	1.88	101	150219	50.160	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	90013	50.740	ug/L	99
12) 1,1-Dichloroethene	2.28	96	80940	48.580	ug/L	95
13) Acetone	2.32	43	155378	125.340	ug/L	100
14) Carbon disulfide	2.48	76	278715	48.476	ug/L	100
15) Methyl Acetate	2.61	43	105637	49.183	ug/L	98
16) Methylene chloride	2.70	84	102186	48.247	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	90131	49.118	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	276407	51.510	ug/L	100
19) 1,1-Dichloroethane	3.45	63	176566	49.888	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	100827	49.960	ug/L	100
22) 2-Butanone	4.26	43	175330	114.690	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	53760	49.336	ug/L	99
25) Chloroform	4.67	83	175480	48.952	ug/L	98
27) 1,2-Dichloroethane	5.40	62	137274	49.073	ug/L	100
29) Cyclohexane	5.00	56	155528	54.657	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	148404	50.901	ug/L	99
31) Carbon tetrachloride	5.13	117	131273	50.244	ug/L	99
33) Benzene	5.39	78	394863	51.968	ug/L	100
34) Trichloroethene	6.19	95	92295	50.620	ug/L	100
35) Methylcyclohexane	6.42	83	164948	55.498	ug/L	99
37) 1,2-Dichloropropane	6.43	63	108168	51.824	ug/L	100
38) Bromodichloromethane	6.76	83	130442	50.394	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	154622	52.443	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	261156	105.302	ug/L	100
42) Toluene	7.64	91	405594	52.749	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	143692	52.050	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	96441	50.680	ug/L	97
46) Tetrachloroethene	8.23	164	83055	51.385	ug/L	99
48) 2-Hexanone	8.36	43	229016	114.479	ug/L	99
49) Dibromochloromethane	8.48	129	107577	49.942	ug/L	100
50) 1,2-Dibromoethane	8.59	107	98619	49.711	ug/L	98
51) Chlorobenzene	9.12	112	263218	50.450	ug/L	99
52) Ethylbenzene	9.25	91	433011	53.761	ug/L	99
53) m,p-Xylene	9.38	106	170561	55.085	ug/L	99
54) o-xylene	9.78	106	163170	54.086	ug/L	95
55) Styrene	9.79	104	290145	55.705	ug/L	100
56) Isopropylbenzene	10.17	105	425867	55.262	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	156263	48.822	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	121990	48.793	ug/L	100
61) Bromoform	9.96	173	81827	48.504	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	198291	50.703	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	211651	49.148	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	215633	49.795	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	31070	47.294	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	158144	52.255	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	133872	51.332	ug/L	99
69) Naphthalene	13.75	128	417021	54.278	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	151574	52.778	ug/L	99

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

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