Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040519\
Data File : VU030693.D
Acq On : 04 Apr 2019 19:01
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05048

Quant Time: Apr 05 02:18:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 01:55:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	495582	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	480466	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	221642	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	209417	47.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.68%			
7) Chloroethane-d5	1.67	69	161267	48.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.06%			
11) 1,1-Dichloroethene-d2	2.27	63	387548	48.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.86%			
21) 2-Butanone-d5	4.17	46	357596	101.99	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.99%			
24) Chloroform-d	4.64	84	339018	50.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.34%			
26) 1,2-Dichloroethane-d4	5.30	65	225567	48.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.84%			
32) Benzene-d6	5.33	84	699444	49.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.74%			
36) 1,2-Dichloropropane-d6	6.32	67	237919	49.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.00%			
41) Toluene-d8	7.56	98	631566	50.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.60%			
43) trans-1,3-Dichloropropene-	7.85	79	110661	50.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.98%			
47) 2-Hexanone-d5	8.31	63	228238	103.89	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.89%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	320387	49.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.82%			
64) 1,2-Dichlorobenzene-d4	11.86	152	217536	49.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	211847	48.665	ug/L	99
3) Chloromethane	1.32	50	264076	46.899	ug/L	99
5) Vinyl chloride	1.40	62	263358	48.317	ug/L	97
6) Bromomethane	1.62	94	138834	49.164	ug/L	99
8) Chloroethane	1.69	64	153760	49.460	ug/L	98
9) Trichlorofluoromethane	1.88	101	308685	48.604	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	171549	48.342	ug/L	99
12) 1,1-Dichloroethene	2.28	96	167067	48.768	ug/L	92
13) Acetone	2.32	43	333235	92.879	ug/L	100
14) Carbon disulfide	2.47	76	531250	49.920	ug/L	100
15) Methyl Acetate	2.61	43	275287	49.486	ug/L	97
16) Methylene chloride	2.69	84	200505	48.180	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	177328	48.752	ug/L	99
18) Methyl tert-butyl Ether	2.99	73	590980	48.504	ug/L	99
19) 1,1-Dichloroethane	3.44	63	367262	48.926	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	197628	49.207	ug/L	97
22) 2-Butanone	4.25	43	433098	102.956	ug/L	95

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05048

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 01:55:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	94423	49.729 ug/L	98
25) Chloroform	4.67	83	363056	48.122 ug/L	99
27) 1,2-Dichloroethane	5.40	62	276534	48.025 ug/L	99
29) Cyclohexane	4.99	56	349353	51.016 ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	287950	49.177 ug/L	99
31) Carbon tetrachloride	5.13	117	249067	49.361 ug/L	99
33) Benzene	5.38	78	783878	49.856 ug/L	100
34) Trichloroethene	6.18	95	191847	49.749 ug/L	99
35) Methylcyclohexane	6.41	83	313475	52.673 ug/L	98
37) 1,2-Dichloropropane	6.43	63	219618	49.329 ug/L	99
38) Bromodichloromethane	6.75	83	263201	49.005 ug/L	97
39) cis-1,3-Dichloropropene	7.26	75	328768	51.881 ug/L	97
40) 4-Methyl-2-pentanone	7.45	43	725477	101.332 ug/L	99
42) Toluene	7.63	91	818809	51.018 ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	293719	52.595 ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	186796	49.471 ug/L	97
46) Tetrachloroethene	8.22	164	137127	48.910 ug/L	95
48) 2-Hexanone	8.36	43	584918	104.718 ug/L	99
49) Dibromochloromethane	8.47	129	194792	48.618 ug/L	99
50) 1,2-Dibromoethane	8.58	107	197607	48.364 ug/L	98
51) Chlorobenzene	9.12	112	487841	49.560 ug/L	99
52) Ethylbenzene	9.25	91	896491	51.245 ug/L	100
53) m,p-Xylene	9.37	106	315127	51.648 ug/L	98
54) o-xylene	9.77	106	306616	50.522 ug/L	96
55) Styrene	9.79	104	541076	51.977 ug/L	99
56) Isopropylbenzene	10.16	105	823607	51.544 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	330946	48.457 ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	262191	49.172 ug/L	99
61) Bromoform	9.95	173	145347	49.641 ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	351023	50.110 ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	355500	49.892 ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	344760	49.065 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	74499	49.874 ug/L	93
67) 1,3,5-Trichlorobenzene	12.88	180	268042	52.359 ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	236296	54.288 ug/L	100
69) Naphthalene	13.74	128	800563	56.736 ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	242717	53.371 ug/L	98

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

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