Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041119\
Data File : VU031013.D
Acq On : 10 Apr 2019 16:05
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05058

Quant Time: Apr 11 05:19:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 02:16:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	471304	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	474969	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224901	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	192267	45.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.40%			
7) Chloroethane-d5	1.68	69	157288	49.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.52%			
11) 1,1-Dichloroethene-d2	2.27	63	358792	47.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.30%			
21) 2-Butanone-d5	4.17	46	302020	90.58	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.58%			
24) Chloroform-d	4.64	84	340755	53.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.04%			
26) 1,2-Dichloroethane-d4	5.30	65	227617	51.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.80%			
32) Benzene-d6	5.33	84	652294	47.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.08%			
36) 1,2-Dichloropropane-d6	6.32	67	224005	47.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.28%			
41) Toluene-d8	7.56	98	588807	47.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.82%			
43) trans-1,3-Dichloropropene-	7.85	79	103833	47.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.84%			
47) 2-Hexanone-d5	8.31	63	187207	86.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.20%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	322727	50.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.70%			
64) 1,2-Dichlorobenzene-d4	11.85	152	220637	49.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	216007	52.177	ug/L	100
3) Chloromethane	1.32	50	249794	46.648	ug/L	100
5) Vinyl chloride	1.40	62	267410	51.588	ug/L	97
6) Bromomethane	1.62	94	140386	52.274	ug/L	100
8) Chloroethane	1.69	64	153612	51.958	ug/L	99
9) Trichlorofluoromethane	1.88	101	341026	56.462	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	184983	54.813	ug/L	98
12) 1,1-Dichloroethene	2.28	96	168138	51.609	ug/L	98
13) Acetone	2.32	43	358852	105.171	ug/L	99
14) Carbon disulfide	2.47	76	508937	50.287	ug/L	99
15) Methyl Acetate	2.61	43	254640	48.133	ug/L	99
16) Methylene chloride	2.70	84	206933	52.286	ug/L	94
17) trans-1,2-Dichloroethene	2.98	96	174578	50.468	ug/L	98
18) Methyl tert-butyl Ether	2.99	73	561667	48.473	ug/L	99
19) 1,1-Dichloroethane	3.44	63	375575	52.611	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	198198	51.891	ug/L	91
22) 2-Butanone	4.25	43	400347	100.073	ug/L	95

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05058

Quant Time: Apr 11 05:19:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 02:16:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	102508	56.768	ug/L	91
25) Chloroform	4.67	83	377196	52.572	ug/L	100
27) 1,2-Dichloroethane	5.40	62	289607	52.886	ug/L	99
29) Cyclohexane	4.99	56	306690	45.304	ug/L	94
30) 1,1,1-Trichloroethane	4.91	97	306575	52.963	ug/L	99
31) Carbon tetrachloride	5.13	117	269429	54.014	ug/L	99
33) Benzene	5.38	78	793026	51.021	ug/L	100
34) Trichloroethene	6.18	95	195843	51.373	ug/L	97
35) Methylcyclohexane	6.41	83	298725	50.775	ug/L	98
37) 1,2-Dichloropropane	6.43	63	217126	49.334	ug/L	99
38) Bromodichloromethane	6.75	83	274541	51.708	ug/L	98
39) cis-1,3-Dichloropropene	7.26	75	313309	50.014	ug/L	98
40) 4-Methyl-2-pentanone	7.45	43	662591	93.620	ug/L	99
42) Toluene	7.63	91	831624	52.416	ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	284156	51.472	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	193491	51.838	ug/L	99
46) Tetrachloroethene	8.22	164	148617	53.622	ug/L	98
48) 2-Hexanone	8.36	43	557404	100.947	ug/L	99
49) Dibromochloromethane	8.47	129	212670	53.695	ug/L	100
50) 1,2-Dibromoethane	8.58	107	204816	50.709	ug/L	98
51) Chlorobenzene	9.12	112	502121	51.601	ug/L	99
52) Ethylbenzene	9.25	91	888254	51.361	ug/L	99
53) m,p-Xylene	9.37	106	324493	53.799	ug/L	100
54) o-xylene	9.77	106	307892	51.319	ug/L	96
55) Styrene	9.79	104	571438	55.529	ug/L	100
56) Isopropylbenzene	10.16	105	833555	52.770	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	342710	50.760	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	274949	52.161	ug/L	97
61) Bromoform	9.95	173	156924	52.818	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	362155	50.950	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	377103	52.157	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	379445	53.219	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	73244	48.323	ug/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	273754	52.699	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	228119	51.650	ug/L	99
69) Naphthalene	13.74	128	697896	48.743	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	243908	52.856	ug/L	99

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

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