Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120219\
Data File : VU035930.D
Acq On : 02 Dec 2019 11:18
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Dec 02 18:09:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	237645	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	267547	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	150923	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	137067	4.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.40%			
7) Chloroethane-d5	1.93	69	134041	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.80%			
11) 1,1-Dichloroethene-d2	2.59	63	221385	3.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.80%			
20) 2-Butanone-d5	4.69	46	388537	54.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.16%			
24) Chloroform-d	5.11	84	262185	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.75	65	138489	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
32) Benzene-d6	5.77	84	475197	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	6.73	67	160352	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.20%			
41) Toluene-d8	7.93	98	419007	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
43) trans-1,3-Dichloropropene-	8.21	79	62047	4.63	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.60%			
46) 2-Hexanone-d5	8.68	63	326587	60.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 121.42%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	148654	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	157006	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	143038	4.442	ug/L	100
3) Chloromethane	1.54	50	163191	4.116	ug/L	97
5) Vinyl chloride	1.62	62	178793	4.506	ug/L	96
6) Bromomethane	1.87	94	97214	4.766	ug/L	95
8) Chloroethane	1.95	64	112349	4.893	ug/L	98
9) Trichlorofluoromethane	2.16	101	225794	4.900	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	127776	4.882	ug/L	92
12) 1,1-Dichloroethene	2.61	96	110074	4.452	ug/L	84
13) Acetone	2.68	43	269211	42.666	ug/L	95
14) Carbon disulfide	2.82	76	335786	4.088	ug/L	100
15) Methyl Acetate	3.00	43	60507	4.783	ug/L	100
16) Methylene chloride	3.08	84	143342	4.798	ug/L	92
17) Methyl tert-butyl Ether	3.42	73	280909	4.695	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	119534	4.909	ug/L	91
19) 1,1-Dichloroethane	3.92	63	254953	4.661	ug/L	99
21) 2-Butanone	4.77	43	400552	50.166	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	133143	4.907	ug/L	96

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Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Dec 02 18:09:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	62874	5.319	ug/L	93
25) Chloroform	5.13	83	260015	4.884	ug/L	98
27) 1,2-Dichloroethane	5.84	62	165980	4.741	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	212852	4.927	ug/L	96
30) Cyclohexane	5.43	56	183991	4.358	ug/L	96
31) Carbon tetrachloride	5.57	117	184663	4.936	ug/L	99
33) Benzene	5.82	78	548694	4.913	ug/L	100
34) Trichloroethene	6.58	95	132588	4.842	ug/L	95
35) Methylcyclohexane	6.80	83	182930	4.552	ug/L	96
37) 1,2-Dichloropropane	6.83	63	151324	4.777	ug/L	99
38) Bromodichloromethane	7.14	83	186539	4.914	ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	196710	4.797	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	944241	48.557	ug/L	98
42) Toluene	8.00	91	576568	4.963	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	168249	4.949	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	106397	5.155	ug/L	99
47) Tetrachloroethene	8.58	164	107161	5.143	ug/L	97
48) 2-Hexanone	8.73	43	701895	49.026	ug/L	92
49) Dibromochloromethane	8.84	129	126507	5.196	ug/L	100
50) 1,2-Dibromoethane	8.96	107	95861	5.076	ug/L	92
51) Chlorobenzene	9.48	112	353357	4.910	ug/L	98
52) Ethylbenzene	9.60	91	566739	4.718	ug/L	99
53) m,p-Xylene	9.72	106	217913	5.145	ug/L	93
54) o-Xylene	10.13	106	207216	5.038	ug/L	94
55) Styrene	10.14	104	363636	5.330	ug/L	99
56) Isopropylbenzene	10.51	105	550182	5.063	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	140488	4.919	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	100770	4.894	ug/L	97
61) Bromoform	10.32	173	73284	4.833	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	276228	5.100	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	269258	5.049	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	261638	5.063	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	20541	4.803	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	187948	5.774	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	100533	5.374	ug/L	99
69) Naphthalene	14.11	128	98062	3.723	ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	96460	5.302	ug/L	99

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

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