Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082118\
Data File : VU026221.D
Acq On : 21 Aug 2018 10:20
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00541

Quant Time: Aug 22 00:18:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 18 01:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	139715	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	137794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73718	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	37825	5.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.60%			
7) Chloroethane-d5	1.68	69	31564	5.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.20%			
11) 1,1-Dichloroethene-d2	2.28	63	78861	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.00%			
20) 2-Butanone-d5	4.19	46	109956	52.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.38%			
24) Chloroform-d	4.65	84	79635	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.31	65	46092	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.34	84	164957	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
36) 1,2-Dichloropropane-d6	6.33	67	51272	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.57	98	164127	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
43) trans-1,3-Dichloropropene-	7.85	79	22174	5.38	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.60%			
46) 2-Hexanone-d5	8.31	63	97077	56.55	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.10%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	44529	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	65391	5.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	64228	5.08	ug/L	97
3) Chloromethane	1.33	50	57801	4.86	ug/L	99
5) Vinyl chloride	1.40	62	59616	5.19	ug/L	97
6) Bromomethane	1.63	94	30939	4.92	ug/L	92
8) Chloroethane	1.70	64	33098	5.05	ug/L	97
9) Trichlorofluoromethane	1.89	101	86623	5.29	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	46505	5.28	ug/L	99
12) 1,1-Dichloroethene	2.29	96	42321	5.21	ug/L	90
13) Acetone	2.32	43	76459	54.80	ug/L	99
14) Carbon disulfide	2.48	76	146457	5.09	ug/L	100
15) Methyl Acetate	2.62	43	19517	5.19	ug/L	96
16) Methylene chloride	2.70	84	47786	4.96	ug/L	96
17) Methyl tert-butyl Ether	3.00	73	108702	5.45	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	46299	5.17	ug/L	99
19) 1,1-Dichloroethane	3.45	63	97308	5.79	ug/L	99
21) 2-Butanone	4.27	43	132100	53.94	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	54950	4.95	ug/L	96

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00541

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	26108	5.21	ug/L		94
25) Chloroform	4.68	83	111167	5.43	ug/L		100
27) 1,2-Dichloroethane	5.41	62	65047	5.35	ug/L		99
29) 1,1,1-Trichloroethane	4.91	97	92520	5.18	ug/L		98
30) Cyclohexane	4.99	56	76003	5.00	ug/L		99
31) Carbon tetrachloride	5.13	117	86052	5.30	ug/L		99
33) Benzene	5.39	78	209201	5.23	ug/L		100
34) Trichloroethene	6.19	95	56105	5.21	ug/L		98
35) Methylcyclohexane	6.42	83	83286	5.22	ug/L		97
37) 1,2-Dichloropropane	6.44	63	54320	5.05	ug/L	#	93
38) Bromodichloromethane	6.76	83	71923	5.27	ug/L		97
39) cis-1,3-Dichloropropene	7.27	75	74423	5.29	ug/L		99
40) 4-Methyl-2-pentanone	7.46	43	308893	53.44	ug/L		97
42) Toluene	7.64	91	226955	5.38	ug/L		99
44) trans-1,3-Dichloropropene	7.88	75	65580	5.41	ug/L		99
45) 1,1,2-Trichloroethane	8.07	97	38383	5.21	ug/L		96
47) Tetrachloroethene	8.23	164	49079	5.21	ug/L		99
48) 2-Hexanone	8.36	43	224948	55.76	ug/L		99
49) Dibromochloromethane	8.48	129	52603	5.44	ug/L		97
50) 1,2-Dibromoethane	8.59	107	37044	5.28	ug/L		95
51) Chlorobenzene	9.12	112	146525	5.18	ug/L		97
52) Ethylbenzene	9.25	91	229706	5.16	ug/L		100
53) m,p-xylene	9.38	106	92328	5.40	ug/L		100
54) o-xylene	9.78	106	87495	5.35	ug/L		94
55) Styrene	9.80	104	154310	5.54	ug/L		99
56) Isopropylbenzene	10.17	105	230805	5.33	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	48233	5.34	ug/L		98
59) 1,2,3-Trichloropropane	10.50	75	33941	5.22	ug/L		94
61) Bromoform	9.96	173	30400	5.39	ug/L		100
62) 1,3-Dichlorobenzene	11.42	146	117959	5.11	ug/L		99
63) 1,4-Dichlorobenzene	11.51	146	119747	4.92	ug/L		97
65) 1,2-Dichlorobenzene	11.88	146	116769	5.10	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.66	75	8021	5.09	ug/L		95
67) 1,3,5-Trichlorobenzene	12.89	180	99597	5.54	ug/L		99
68) 1,2,4-trichlorobenzene	13.51	180	80913	5.81	ug/L		99
69) Naphthalene	13.74	128	123662	5.96	ug/L		99
70) 1,2,3-Trichlorobenzene	13.99	180	75878	5.72	ug/L		99

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

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