Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
Data File : VU027690.D
Acq On : 18 Oct 2018 11:10
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00552

Quant Time: Oct 19 08:07:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 06:41:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	91827	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	85033	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42875	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	33682	4.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.40%			
7) Chloroethane-d5	1.68	69	25116	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.28	63	60716	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.60%			
20) 2-Butanone-d5	4.22	46	98231	47.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.68%			
24) Chloroform-d	4.65	84	54603	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.31	65	28394	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
32) Benzene-d6	5.34	84	109998	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.33	67	38316	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.80%			
41) Toluene-d8	7.57	98	104323	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	7.85	79	16300	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.32	63	81951	46.91	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.82%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27602	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	37589	4.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	35989	4.802	ug/L	100
3) Chloromethane	1.33	50	42694	4.784	ug/L	97
5) Vinyl chloride	1.40	62	43622	4.868	ug/L	100
6) Bromomethane	1.63	94	24801	5.160	ug/L	99
8) Chloroethane	1.70	64	24890	4.819	ug/L	99
9) Trichlorofluoromethane	1.89	101	51596	4.988	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	30624	4.906	ug/L	98
12) 1,1-Dichloroethene	2.29	96	28999	4.666	ug/L	91
13) Acetone	2.37	43	68949	51.963	ug/L	98
14) Carbon disulfide	2.48	76	103482	4.808	ug/L	100
15) Methyl Acetate	2.63	43	16694	4.712	ug/L	100
16) Methylene chloride	2.70	84	34382	5.072	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	86375	5.028	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	31967	4.839	ug/L	93
19) 1,1-Dichloroethane	3.45	63	63779	4.851	ug/L	98
21) 2-Butanone	4.31	43	123831	53.710	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	37067	5.069	ug/L #	97

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

Instrument : MSVOA_U
ClientSampleId : VSTD00552

Quant Time: Oct 19 08:07:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 06:41:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	15167	4.606 ug/L	94
25) Chloroform	4.68	83	62432	4.920 ug/L	100
27) 1,2-Dichloroethane	5.41	62	41120	5.119 ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	53991	5.179 ug/L	98
30) Cyclohexane	4.99	56	68061	5.195 ug/L	98
31) Carbon tetrachloride	5.13	117	48419	5.128 ug/L	97
33) Benzene	5.39	78	143335	5.151 ug/L	100
34) Trichloroethene	6.19	95	36905	5.124 ug/L	100
35) Methylcyclohexane	6.41	83	64223	5.174 ug/L	99
37) 1,2-Dichloropropane	6.44	63	40732	5.098 ug/L	100
38) Bromodichloromethane	6.76	83	47436	5.109 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	60192	5.180 ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	283580	52.576 ug/L	100
42) Toluene	7.64	91	151629	5.072 ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	49476	5.159 ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	25658	4.993 ug/L	96
47) Tetrachloroethene	8.23	164	28808	5.010 ug/L	97
48) 2-Hexanone	8.37	43	208402	53.929 ug/L	99
49) Dibromochloromethane	8.48	129	31814	4.982 ug/L	99
50) 1,2-Dibromoethane	8.59	107	24380	5.063 ug/L	95
51) Chlorobenzene	9.12	112	92064	5.018 ug/L	97
52) Ethylbenzene	9.25	91	168165	5.075 ug/L	100
53) m,p-xylene	9.38	106	62597	5.076 ug/L	99
54) o-xylene	9.78	106	60683	5.013 ug/L	98
55) Styrene	9.79	104	103937	5.106 ug/L	97
56) Isopropylbenzene	10.17	105	162842	5.059 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	32468	4.830 ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	24229	5.276 ug/L	95
61) Bromoform	9.96	173	19786	5.150 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	72333	5.081 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	72419	5.073 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	69118	5.055 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	5967	5.300 ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	57163	4.947 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	48946	4.914 ug/L	99
69) Naphthalene	13.74	128	84605	5.081 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	44898	4.826 ug/L	98

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

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