Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121018\
Data File : VV008886.D
Acq On : 10 Dec 2018 11:45
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00573

Quant Time: Dec 11 03:20:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 07 22:19:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136508	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	123767	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62384	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	26013	3.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.40%			
7) Chloroethane-d5	1.58	69	21807	4.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.20%			
11) 1,1-Dichloroethene-d2	2.13	63	69281	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.80%			
20) 2-Butanone-d5	3.97	46	84002	46.72	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.44%			
24) Chloroform-d	4.40	84	71876	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.00%			
26) 1,2-Dichloroethane-d4	5.09	65	35462	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
32) Benzene-d6	5.10	84	139096	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
36) 1,2-Dichloropropane-d6	6.12	67	41558	4.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.40%			
41) Toluene-d8	7.36	98	130663	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
43) trans-1,3-Dichloropropene-	7.67	79	17104	4.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.40%			
46) 2-Hexanone-d5	8.14	63	68568	50.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.36%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	29078	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	50385	4.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	57872	4.462	ug/L	100
3) Chloromethane	1.25	50	37483	4.363	ug/L	97
5) Vinyl chloride	1.32	62	39219	4.479	ug/L	99
6) Bromomethane	1.54	94	24908	4.854	ug/L	96
8) Chloroethane	1.60	64	22895	4.655	ug/L	98
9) Trichlorofluoromethane	1.77	101	73098	5.181	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	43100	5.614	ug/L	97
12) 1,1-Dichloroethene	2.14	96	38620	5.774	ug/L	94
13) Acetone	2.23	43	56912	56.865	ug/L	94
14) Carbon disulfide	2.32	76	116066	5.767	ug/L	99
15) Methyl Acetate	2.47	43	14376	6.503	ug/L	95
16) Methylene chloride	2.54	84	39983	5.535	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	91232	5.555	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	41252	5.643	ug/L	90
19) 1,1-Dichloroethane	3.23	63	73566	4.605	ug/L	99
21) 2-Butanone	4.06	43	87995	46.818	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	46619	4.658	ug/L	99

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00573

Quant Time: Dec 11 03:20:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 07 22:19:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	20160	4.762 ug/L	92
25) Chloroform	4.43	83	78703	4.544 ug/L	99
27) 1,2-Dichloroethane	5.18	62	46225	4.677 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	71766	4.896 ug/L	98
30) Cyclohexane	4.72	56	67058	4.760 ug/L	100
31) Carbon tetrachloride	4.87	117	65707	4.980 ug/L	99
33) Benzene	5.14	78	166053	4.718 ug/L	100
34) Trichloroethene	5.96	95	48917	4.779 ug/L	99
35) Methylcyclohexane	6.17	83	77275	4.773 ug/L	98
37) 1,2-Dichloropropane	6.22	63	40406	4.685 ug/L	99
38) Bromodichloromethane	6.56	83	51662	4.868 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	59698	4.939 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	209065	47.789 ug/L	99
42) Toluene	7.43	91	180527	4.753 ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	48485	5.172 ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	29401	4.856 ug/L	99
47) Tetrachloroethene	8.02	164	40120	4.886 ug/L	99
48) 2-Hexanone	8.19	43	149467	48.467 ug/L	99
49) Dibromochloromethane	8.29	129	35593	5.026 ug/L	97
50) 1,2-Dibromoethane	8.40	107	27496	4.846 ug/L #	95
51) Chlorobenzene	8.93	112	119841	4.795 ug/L	99
52) Ethylbenzene	9.05	91	199686	4.815 ug/L	99
53) m,p-xylene	9.18	106	77069	4.865 ug/L	100
54) o-xylene	9.59	106	74510	4.931 ug/L	100
55) Styrene	9.60	104	126399	5.057 ug/L	99
56) Isopropylbenzene	9.97	105	201479	4.929 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	29507	4.829 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	24723	4.803 ug/L	97
61) Bromoform	9.78	173	19286	5.196 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	97170	4.817 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	96705	4.690 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	88192	4.734 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	4905	5.245 ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	74576	4.967 ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	56552	5.070 ug/L	100
69) Naphthalene	13.56	128	80206	4.953 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	53061	5.082 ug/L	98

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

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