Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100118\
Data File : VV007999.D
Acq On : 01 Oct 2018 17:11
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00564

Quant Time: Oct 02 02:57:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 02 02:56:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88756	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86903	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46712	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24447	5.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.80%			
7) Chloroethane-d5	1.59	69	20483	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.60%			
11) 1,1-Dichloroethene-d2	2.14	63	52048	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.80%			
20) 2-Butanone-d5	3.97	46	66187	46.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.50%			
24) Chloroform-d	4.41	84	55538	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
26) 1,2-Dichloroethane-d4	5.09	65	27922	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.10	84	103274	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	6.13	67	31775	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.36	98	105149	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
43) trans-1,3-Dichloropropene-	7.67	79	12059	4.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.20%			
46) 2-Hexanone-d5	8.14	63	51230	45.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.66%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24453	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	42932	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	37693	5.063	ug/L	99
3) Chloromethane	1.25	50	33109	4.999	ug/L	97
5) Vinyl chloride	1.32	62	35089	4.949	ug/L	99
6) Bromomethane	1.54	94	26148	5.978	ug/L	100
8) Chloroethane	1.60	64	21538	5.037	ug/L	99
9) Trichlorofluoromethane	1.77	101	58771	5.077	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34194	5.208	ug/L	99
12) 1,1-Dichloroethene	2.15	96	29501	5.028	ug/L	95
13) Acetone	2.22	43	47851	45.890	ug/L	99
14) Carbon disulfide	2.32	76	75672	4.758	ug/L	98
15) Methyl Acetate	2.47	43	12154	4.558	ug/L	98
16) Methylene chloride	2.54	84	31745	4.870	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	71901	4.960	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	32212	4.981	ug/L	97
19) 1,1-Dichloroethane	3.23	63	56808	5.148	ug/L	99
21) 2-Butanone	4.05	43	78680	47.361	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	34423	5.257	ug/L	100

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
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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	4.30	128	15200	5.338 ug/L	94
25) Chloroform	4.43	83	62029	5.198 ug/L	98
27) 1,2-Dichloroethane	5.19	62	39000	5.078 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	56232	5.381 ug/L	98
30) Cyclohexane	4.73	56	49322	5.021 ug/L	99
31) Carbon tetrachloride	4.88	117	49239	5.345 ug/L	99
33) Benzene	5.15	78	131234	5.274 ug/L	100
34) Trichloroethene	5.96	95	35424	4.972 ug/L	94
35) Methylcyclohexane	6.18	83	54072	5.061 ug/L	99
37) 1,2-Dichloropropane	6.23	63	33511	5.271 ug/L	99
38) Bromodichloromethane	6.56	83	40283	5.299 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	45262	5.322 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	198264	49.689 ug/L	100
42) Toluene	7.43	91	145040	5.352 ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	36552	5.171 ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	23245	5.067 ug/L	98
47) Tetrachloroethene	8.02	164	34044	5.156 ug/L	97
48) 2-Hexanone	8.19	43	134705	48.540 ug/L	98
49) Dibromochloromethane	8.30	129	28232	5.391 ug/L	100
50) 1,2-Dibromoethane	8.40	107	22329	5.325 ug/L	99
51) Chlorobenzene	8.93	112	95491	5.101 ug/L	98
52) Ethylbenzene	9.06	91	154028	5.095 ug/L	100
53) m,p-xylene	9.19	106	59349	5.155 ug/L	99
54) o-xylene	9.59	106	56818	5.110 ug/L	98
55) Styrene	9.61	104	99128	5.220 ug/L	99
56) Isopropylbenzene	9.98	105	157012	5.214 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	27426	5.090 ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	20042	5.067 ug/L	100
61) Bromoform	9.78	173	15714	5.601 ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	79395	5.148 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	80984	5.051 ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	75643	5.203 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3790	5.118 ug/L	82
67) 1,3,5-Trichlorobenzene	12.70	180	68484	5.186 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	53793	4.820 ug/L	99
69) Naphthalene	13.56	128	70020	4.485 ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	49779	4.925 ug/L	98

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

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