Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092718\
Data File : VV007918.D
Acq On : 27 Sep 2018 20:18
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00578

Quant Time: Sep 28 00:46:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 00:42:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87414	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	82863	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44166	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	23440	5.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.00%			
7) Chloroethane-d5	1.59	69	20968	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.60%			
11) 1,1-Dichloroethene-d2	2.14	63	53248	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.60%			
20) 2-Butanone-d5	3.96	46	69342	49.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.40%			
24) Chloroform-d	4.41	84	55877	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
26) 1,2-Dichloroethane-d4	5.09	65	29110	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.10	84	104663	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
36) 1,2-Dichloropropane-d6	6.12	67	32374	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.20%			
41) Toluene-d8	7.36	98	106581	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
43) trans-1,3-Dichloropropene-	7.67	79	11910	4.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.60%			
46) 2-Hexanone-d5	8.14	63	53181	49.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.78%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24948	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	43068	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	37768	5.151	ug/L	95
3) Chloromethane	1.25	50	33788	5.180	ug/L	97
5) Vinyl chloride	1.33	62	35965	5.150	ug/L	96
6) Bromomethane	1.54	94	23103	5.363	ug/L	95
8) Chloroethane	1.60	64	22026	5.230	ug/L	99
9) Trichlorofluoromethane	1.78	101	59645	5.232	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	33980	5.255	ug/L	99
12) 1,1-Dichloroethene	2.14	96	29946	5.183	ug/L	95
13) Acetone	2.21	43	46174	44.962	ug/L	100
14) Carbon disulfide	2.32	76	76533	4.886	ug/L	100
15) Methyl Acetate	2.47	43	12329	4.694	ug/L	99
16) Methylene chloride	2.54	84	32111	5.001	ug/L	94
17) Methyl tert-butyl Ether	2.82	73	71228	4.989	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	32358	5.080	ug/L	97
19) 1,1-Dichloroethane	3.23	63	53734	4.944	ug/L	100
21) 2-Butanone	4.05	43	76787	46.931	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	33590	5.208	ug/L	100

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00578

Quant Time: Sep 28 00:46:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 28 00:42:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	14627	5.215 ug/L	98
25) Chloroform	4.43	83	61688	5.248 ug/L	99
27) 1,2-Dichloroethane	5.19	62	39201	5.183 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	53496	5.369 ug/L	99
30) Cyclohexane	4.73	56	48411	5.169 ug/L	99
31) Carbon tetrachloride	4.88	117	47303	5.385 ug/L	98
33) Benzene	5.15	78	127671	5.381 ug/L	100
34) Trichloroethene	5.96	95	34570	5.088 ug/L	99
35) Methylcyclohexane	6.18	83	53705	5.272 ug/L	99
37) 1,2-Dichloropropane	6.23	63	31538	5.203 ug/L	99
38) Bromodichloromethane	6.56	83	37806	5.216 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	40715	5.021 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	195371	51.352 ug/L	100
42) Toluene	7.43	91	140999	5.457 ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	33827	5.019 ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	22453	5.133 ug/L	99
47) Tetrachloroethene	8.02	164	32905	5.227 ug/L	98
48) 2-Hexanone	8.19	43	138888	52.488 ug/L	97
49) Dibromochloromethane	8.30	129	25848	5.176 ug/L	99
50) 1,2-Dibromoethane	8.40	107	21066	5.268 ug/L	95
51) Chlorobenzene	8.93	112	93504	5.239 ug/L	100
52) Ethylbenzene	9.06	91	152251	5.282 ug/L	99
53) m,p-xylene	9.18	106	58025	5.286 ug/L	95
54) o-xylene	9.59	106	56723	5.350 ug/L	98
55) Styrene	9.61	104	95780	5.290 ug/L	98
56) Isopropylbenzene	9.98	105	153065	5.331 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	26554	5.168 ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	19834	5.259 ug/L	97
61) Bromoform	9.78	173	14133	5.328 ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	76964	5.278 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	79159	5.221 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	72903	5.304 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	3498	4.996 ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	65924	5.280 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	53331	5.054 ug/L	98
69) Naphthalene	13.56	128	70665	4.788 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	49264	5.155 ug/L	99

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

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