Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073018\
Data File : VV006755.D
Acq On : 30 Jul 2018 10:39
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00566

Quant Time: Jul 30 16:55:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 30 14:38:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	294663	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	275975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130397	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	69206	4.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.20%			
7) Chloroethane-d5	1.58	69	56506	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.80%			
11) 1,1-Dichloroethene-d2	2.13	63	141232	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	3.95	46	197574	41.23	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.46%			
24) Chloroform-d	4.40	84	134344	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.09	65	63848	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
32) Benzene-d6	5.10	84	266836	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
36) 1,2-Dichloropropane-d6	6.12	67	87028	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.36	98	240920	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
43) trans-1,3-Dichloropropene-	7.67	79	30381	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.20%			
46) 2-Hexanone-d5	8.14	63	170121	42.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.94%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66395	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	86119	4.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	121281	4.57	ug/L #	85
3) Chloromethane	1.25	50	119008	5.29	ug/L	98
5) Vinyl chloride	1.32	62	131288	4.66	ug/L	95
6) Bromomethane	1.53	94	34665	5.02	ug/L	98
8) Chloroethane	1.60	64	75210	4.87	ug/L	100
9) Trichlorofluoromethane	1.77	101	158310	4.89	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	99162	5.03	ug/L	99
12) 1,1-Dichloroethene	2.14	96	91333	4.73	ug/L	96
13) Acetone	2.19	43	149093	48.90	ug/L	99
14) Carbon disulfide	2.32	76	288987	4.45	ug/L	99
15) Methyl Acetate	2.46	43	43169	4.78	ug/L	97
16) Methylene chloride	2.54	84	103283	4.67	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	231043	4.88	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	99526	4.75	ug/L	98
19) 1,1-Dichloroethane	3.23	63	187745	4.87	ug/L	99
21) 2-Butanone	4.03	43	249222	48.80	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	104350	4.77	ug/L	97

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 30 14:38:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	42680	4.74	ug/L	96
25) Chloroform	4.43	83	174307	4.82	ug/L	99
27) 1,2-Dichloroethane	5.19	62	102113	4.81	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	147830	4.98	ug/L	100
30) Cyclohexane	4.72	56	162265	4.88	ug/L	100
31) Carbon tetrachloride	4.88	117	126815	5.00	ug/L	99
33) Benzene	5.15	78	404980	4.88	ug/L	100
34) Trichloroethene	5.96	95	101948	4.87	ug/L	98
35) Methylcyclohexane	6.18	83	173752	4.97	ug/L	99
37) 1,2-Dichloropropane	6.22	63	103826	4.87	ug/L	100
38) Bromodichloromethane	6.56	83	118121	4.97	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	139335	5.02	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	586116	50.06	ug/L	100
42) Toluene	7.43	91	418964	4.90	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	111144	5.09	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	68761	4.79	ug/L	98
47) Tetrachloroethene	8.02	164	82060	4.93	ug/L	99
48) 2-Hexanone	8.19	43	415574	50.87	ug/L	99
49) Dibromochloromethane	8.30	129	76350	5.03	ug/L	100
50) 1,2-Dibromoethane	8.40	107	61191	4.77	ug/L	100
51) Chlorobenzene	8.93	112	267453	4.81	ug/L	100
52) Ethylbenzene	9.06	91	448737	4.93	ug/L	100
53) m,p-xylene	9.19	106	173874	5.06	ug/L	98
54) o-xylene	9.59	106	165601	4.94	ug/L	100
55) Styrene	9.61	104	285316	5.05	ug/L	97
56) Isopropylbenzene	9.98	105	441785	5.08	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	80795	4.60	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	59851	4.77	ug/L	99
61) Bromoform	9.78	173	39216	4.95	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	195420	4.85	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	199242	4.85	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	188754	4.81	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11410	4.86	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	151904	4.94	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	117748	4.82	ug/L	100
69) Naphthalene	13.56	128	193843	4.63	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	112597	4.87	ug/L	99

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

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