Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100118\
Data File : VV007989.D
Acq On : 01 Oct 2018 11:29
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00563

Quant Time: Oct 02 02:53:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 04:55:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	107673	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101501	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56039	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20400	3.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.60%			
7) Chloroethane-d5	1.59	69	19930	4.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.00%			
11) 1,1-Dichloroethene-d2	2.14	63	50448	3.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.40%			
20) 2-Butanone-d5	3.97	46	82078	47.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.54%			
24) Chloroform-d	4.41	84	61530	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.09	65	30467	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.20%			
32) Benzene-d6	5.10	84	110353	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.12	67	35157	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.36	98	109782	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
43) trans-1,3-Dichloropropene-	7.67	79	13733	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.14	63	63494	48.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.26%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28019	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	46611	4.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	43299	4.794	ug/L	99
3) Chloromethane	1.25	50	36328	4.521	ug/L	99
5) Vinyl chloride	1.33	62	38416	4.466	ug/L	97
6) Bromomethane	1.54	94	25856	4.873	ug/L	96
8) Chloroethane	1.60	64	23849	4.597	ug/L	99
9) Trichlorofluoromethane	1.78	101	64368	4.584	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	36946	4.639	ug/L	99
12) 1,1-Dichloroethene	2.15	96	31970	4.492	ug/L	87
13) Acetone	2.22	43	52057	41.153	ug/L	100
14) Carbon disulfide	2.32	76	88987	4.612	ug/L	99
15) Methyl Acetate	2.47	43	12481	3.858	ug/L	100
16) Methylene chloride	2.54	84	33764	4.269	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	76518	4.351	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	34771	4.432	ug/L	99
19) 1,1-Dichloroethane	3.23	63	62366	4.659	ug/L	98
21) 2-Butanone	4.05	43	87615	43.474	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	38579	4.856	ug/L	96

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00563

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 04:55:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	16884	4.887 ug/L	97
25) Chloroform	4.43	83	68196	4.710 ug/L	99
27) 1,2-Dichloroethane	5.19	62	40088	4.303 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	60730	4.976 ug/L	98
30) Cyclohexane	4.73	56	55058	4.799 ug/L	99
31) Carbon tetrachloride	4.88	117	56257	5.228 ug/L	97
33) Benzene	5.15	78	145096	4.992 ug/L	100
34) Trichloroethene	5.96	95	38936	4.679 ug/L	97
35) Methylcyclohexane	6.18	83	62075	4.974 ug/L	99
37) 1,2-Dichloropropane	6.23	63	37175	5.007 ug/L	100
38) Bromodichloromethane	6.56	83	45135	5.084 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	50387	5.073 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	210664	45.204 ug/L	99
42) Toluene	7.43	91	158908	5.021 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	40954	4.960 ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	24979	4.662 ug/L	98
47) Tetrachloroethene	8.02	164	37544	4.868 ug/L	97
48) 2-Hexanone	8.19	43	147638	45.549 ug/L	98
49) Dibromochloromethane	8.30	129	32397	5.296 ug/L	96
50) 1,2-Dibromoethane	8.40	107	24491	5.000 ug/L	100
51) Chlorobenzene	8.93	112	107072	4.897 ug/L	98
52) Ethylbenzene	9.06	91	174421	4.940 ug/L	100
53) m,p-xylene	9.19	106	67485	5.019 ug/L	98
54) o-xylene	9.59	106	64279	4.950 ug/L	97
55) Styrene	9.61	104	109562	4.940 ug/L	99
56) Isopropylbenzene	9.98	105	175765	4.997 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	29754	4.728 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	21698	4.697 ug/L	98
61) Bromoform	9.78	173	17836	5.300 ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	89686	4.848 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	92077	4.787 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	85316	4.892 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	4344	4.890 ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	79447	5.015 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	61844	4.619 ug/L	100
69) Naphthalene	13.56	128	81635	4.359 ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	56711	4.677 ug/L	98

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

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