Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092018\
Data File : VV007665.D
Acq On : 20 Sep 2018 20:02
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00573

Quant Time: Sep 21 01:40:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 01:37:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	105901	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98309	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54764	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20916	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.58	69	20588	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.80%			
11) 1,1-Dichloroethene-d2	2.14	63	56774	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.40%			
20) 2-Butanone-d5	3.97	46	54846	49.39	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.78%			
24) Chloroform-d	4.41	84	52341	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.09	65	25738	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.10	84	97045	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	6.12	67	28365	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.36	98	99583	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
43) trans-1,3-Dichloropropene-	7.67	79	11001	4.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.20%			
46) 2-Hexanone-d5	8.14	63	41814	46.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.82%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23863	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	44603	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	42335	4.970	ug/L	98
3) Chloromethane	1.25	50	31340	4.743	ug/L	99
5) Vinyl chloride	1.32	62	37296	4.846	ug/L	97
6) Bromomethane	1.54	94	20160	3.901	ug/L	100
8) Chloroethane	1.60	64	24700	4.931	ug/L	97
9) Trichlorofluoromethane	1.77	101	79374	4.932	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	42526	4.857	ug/L	97
12) 1,1-Dichloroethene	2.14	96	38159	4.945	ug/L	96
13) Acetone	2.22	43	46190	43.183	ug/L	98
14) Carbon disulfide	2.32	76	97601	4.746	ug/L	100
15) Methyl Acetate	2.47	43	11651	4.418	ug/L	94
16) Methylene chloride	2.54	84	38082	4.862	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	86984	4.817	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	41017	4.839	ug/L	97
19) 1,1-Dichloroethane	3.23	63	52807	4.592	ug/L	100
21) 2-Butanone	4.05	43	63233	46.867	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	37015	4.943	ug/L	98

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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00573

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 01:37:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	17096	5.017 ug/L	97
25) Chloroform	4.43	83	61637	5.019 ug/L	98
27) 1,2-Dichloroethane	5.19	62	38101	5.133 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	57415	4.918 ug/L	99
30) Cyclohexane	4.72	56	48048	4.824 ug/L	99
31) Carbon tetrachloride	4.88	117	53212	4.983 ug/L	100
33) Benzene	5.15	78	126752	4.855 ug/L	100
34) Trichloroethene	5.96	95	37893	4.934 ug/L	97
35) Methylcyclohexane	6.18	83	56939	4.802 ug/L	100
37) 1,2-Dichloropropane	6.23	63	30013	4.760 ug/L	99
38) Bromodichloromethane	6.56	83	39778	4.781 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	43997	4.823 ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	164787	48.312 ug/L	100
42) Toluene	7.43	91	145370	4.889 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	35005	4.728 ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	23714	4.887 ug/L	97
47) Tetrachloroethene	8.02	164	37094	4.915 ug/L	99
48) 2-Hexanone	8.19	43	114432	47.371 ug/L	97
49) Dibromochloromethane	8.30	129	28610	4.737 ug/L	100
50) 1,2-Dibromoethane	8.40	107	23117	5.025 ug/L	97
51) Chlorobenzene	8.93	112	102227	4.957 ug/L	99
52) Ethylbenzene	9.06	91	165249	4.916 ug/L	99
53) m,p-xylene	9.19	106	64199	4.859 ug/L	97
54) o-xylene	9.59	106	63033	4.847 ug/L	98
55) Styrene	9.61	104	104848	4.933 ug/L	99
56) Isopropylbenzene	9.98	105	172770	4.884 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	26730	4.826 ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	19071	4.936 ug/L	100
61) Bromoform	9.78	173	15676	4.439 ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	87657	4.821 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	89391	4.890 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	82556	4.827 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3757	4.830 ug/L	89
67) 1,3,5-Trichlorobenzene	12.70	180	75912	4.819 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	60097	4.678 ug/L	98
69) Naphthalene	13.56	128	81977	4.272 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	55253	4.672 ug/L	96

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

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