Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100818\
Data File : VV008165.D
Acq On : 08 Oct 2018 21:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00579

Quant Time: Oct 09 03:40:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 03:37:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	93217	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	89800	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46669	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	26901	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.59	69	22026	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.14	63	52148	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.20%			
20) 2-Butanone-d5	3.96	46	66400	48.24	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.48%			
24) Chloroform-d	4.41	84	58329	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.09	65	27609	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.10	84	109189	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.12	67	33763	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.36	98	110515	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	7.67	79	12249	4.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.60%			
46) 2-Hexanone-d5	8.14	63	46694	46.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.48%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24473	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	41006	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	33231	5.258	ug/L	98
3) Chloromethane	1.25	50	27854	5.229	ug/L	98
5) Vinyl chloride	1.32	62	30492	5.141	ug/L	97
6) Bromomethane	1.54	94	17149	6.104	ug/L	100
8) Chloroethane	1.60	64	18798	4.743	ug/L	96
9) Trichlorofluoromethane	1.77	101	51789	5.098	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	30673	5.077	ug/L	98
12) 1,1-Dichloroethene	2.14	96	25614	5.072	ug/L	94
13) Acetone	2.21	43	42027	45.059	ug/L	99
14) Carbon disulfide	2.32	76	60674	4.721	ug/L	98
15) Methyl Acetate	2.47	43	11149	5.035	ug/L	98
16) Methylene chloride	2.54	84	28558	4.661	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	65249	5.155	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	27920	5.065	ug/L	97
19) 1,1-Dichloroethane	3.23	63	55107	5.251	ug/L	98
21) 2-Butanone	4.05	43	75297	50.043	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	32008	5.149	ug/L	96

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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00579

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 03:37:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	14912	5.283 ug/L	99
25) Chloroform	4.43	83	60161	5.327 ug/L	98
27) 1,2-Dichloroethane	5.19	62	34000	5.124 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	52309	5.245 ug/L	99
30) Cyclohexane	4.73	56	40900	4.938 ug/L	99
31) Carbon tetrachloride	4.88	117	45874	5.119 ug/L	100
33) Benzene	5.15	78	120793	5.331 ug/L	100
34) Trichloroethene	5.96	95	32702	4.946 ug/L	99
35) Methylcyclohexane	6.18	83	45293	4.903 ug/L	98
37) 1,2-Dichloropropane	6.23	63	32370	5.295 ug/L	100
38) Bromodichloromethane	6.56	83	38850	5.194 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	39935	5.094 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	180518	52.098 ug/L	99
42) Toluene	7.43	91	132680	5.512 ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	32893	5.159 ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	22889	5.337 ug/L	98
47) Tetrachloroethene	8.02	164	29883	5.060 ug/L	98
48) 2-Hexanone	8.19	43	134025	56.976 ug/L	99
49) Dibromochloromethane	8.30	129	27335	5.109 ug/L	97
50) 1,2-Dibromoethane	8.40	107	21072	5.412 ug/L	97
51) Chlorobenzene	8.93	112	90045	5.349 ug/L	99
52) Ethylbenzene	9.06	91	137935	5.250 ug/L	100
53) m,p-xylene	9.19	106	54263	5.448 ug/L	94
54) o-xylene	9.59	106	51626	5.429 ug/L	97
55) Styrene	9.61	104	89114	5.503 ug/L	99
56) Isopropylbenzene	9.98	105	140520	5.373 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	25692	5.168 ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	19111	5.354 ug/L	96
61) Bromoform	9.78	173	15158	5.275 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	71978	5.181 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	73314	5.176 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	69951	5.211 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3511	5.008 ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	61209	5.170 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	44457	5.034 ug/L	99
69) Naphthalene	13.56	128	53550	4.749 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	43308	5.156 ug/L	99

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

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