Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062618\
Data File : VV006475.D
Acq On : 26 Jun 2018 18:49
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00563

Quant Time: Jun 27 02:24:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 27 02:22:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	325568	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	298604	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	144045	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	83338	3.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.80%			
7) Chloroethane-d5	1.58	69	66063	3.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.60%			
11) 1,1-Dichloroethene-d2	2.14	63	156206	4.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.40%			
20) 2-Butanone-d5	3.96	46	195331	48.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.38%			
24) Chloroform-d	4.41	84	158941	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
26) 1,2-Dichloroethane-d4	5.09	65	75505	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
32) Benzene-d6	5.11	84	325929	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.12	67	100291	4.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.60%			
41) Toluene-d8	7.37	98	304479	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
43) trans-1,3-Dichloropropene-	7.67	79	32176	3.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.40%			
46) 2-Hexanone-d5	8.14	63	164983	48.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.60%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65103	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	115480	4.31	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	116069	4.86	ug/L	99
3) Chloromethane	1.26	50	114106	4.67	ug/L	99
5) Vinyl chloride	1.32	62	126200	4.75	ug/L	98
6) Bromomethane	1.54	94	72741	4.73	ug/L	99
8) Chloroethane	1.60	64	74067	4.39	ug/L	99
9) Trichlorofluoromethane	1.77	101	158194	4.95	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	102108	5.09	ug/L	100
12) 1,1-Dichloroethene	2.15	96	93887	4.77	ug/L	85
13) Acetone	2.21	43	129761	52.78	ug/L	99
14) Carbon disulfide	2.32	76	218108	3.92	ug/L	100
15) Methyl Acetate	2.47	43	37616	5.20	ug/L	97
16) Methylene chloride	2.54	84	104948	4.55	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	229724	4.81	ug/L	100
18) trans-1,2-Dichloroethene	2.80	96	103538	4.80	ug/L	99
19) 1,1-Dichloroethane	3.23	63	181736	4.73	ug/L	99
21) 2-Butanone	4.05	43	215391	48.47	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	112881	4.76	ug/L	97

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 27 02:22:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	45448	4.72	ug/L	94
25) Chloroform	4.44	83	183785	4.75	ug/L	100
27) 1,2-Dichloroethane	5.19	62	104727	4.82	ug/L	100
29) 1,1,1-Trichloroethane	4.67	97	148254	4.55	ug/L	99
30) Cyclohexane	4.73	56	152561	4.69	ug/L	99
31) Carbon tetrachloride	4.88	117	122197	4.47	ug/L	99
33) Benzene	5.15	78	422172	4.79	ug/L	100
34) Trichloroethene	5.96	95	115199	4.57	ug/L	98
35) Methylcyclohexane	6.18	83	177465	4.84	ug/L	100
37) 1,2-Dichloropropane	6.23	63	101931	4.73	ug/L	100
38) Bromodichloromethane	6.56	83	107572	4.34	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	136780	4.56	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	508345	48.48	ug/L	100
42) Toluene	7.44	91	448873	4.81	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	103098	4.38	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	72222	4.85	ug/L	99
47) Tetrachloroethene	8.03	164	90850	4.77	ug/L	99
48) 2-Hexanone	8.19	43	370642	49.13	ug/L	100
49) Dibromochloromethane	8.30	129	68931	4.34	ug/L	99
50) 1,2-Dibromoethane	8.40	107	63952	4.78	ug/L	98
51) Chlorobenzene	8.93	112	294821	4.77	ug/L	99
52) Ethylbenzene	9.06	91	483886	4.79	ug/L	100
53) m,p-xylene	9.19	106	189326	4.86	ug/L	100
54) o-xylene	9.59	106	183837	4.81	ug/L	98
55) Styrene	9.61	104	309249	4.94	ug/L	100
56) Isopropylbenzene	9.98	105	482451	4.84	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	67375	4.80	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	57156	4.88	ug/L	99
61) Bromoform	9.78	173	32776	4.05	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	224380	4.73	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	226882	4.78	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	214276	4.83	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8062	4.27	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	171980	4.77	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	127738	4.83	ug/L	100
69) Naphthalene	13.56	128	179854	4.65	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	119030	4.84	ug/L	98

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

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