Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060619\
Data File : VV011242.D
Acq On : 06 Jun 2019 13:39
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00531

Quant Time: Jun 07 01:27:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 05:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167988	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	159244	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73302	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	53969	4.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.80%			
7) Chloroethane-d5	1.56	69	46463	4.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.80%			
11) 1,1-Dichloroethene-d2	2.12	63	116141	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.40%			
20) 2-Butanone-d5	3.94	46	144004	50.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.50%			
24) Chloroform-d	4.40	84	107679	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	5.08	65	57812	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.09	84	216004	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.12	67	65277	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.00%			
41) Toluene-d8	7.36	98	196219	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloropropene-	7.66	79	23541	4.21	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.20%			
46) 2-Hexanone-d5	8.13	63	116297	49.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.42%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46190	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	66270	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	85335	5.151	ug/L	99
3) Chloromethane	1.25	50	80490	5.025	ug/L	96
5) Vinyl chloride	1.32	62	79085	5.117	ug/L	97
6) Bromomethane	1.51	94	32022	3.982	ug/L	99
8) Chloroethane	1.58	64	46136	4.671	ug/L	96
9) Trichlorofluoromethane	1.76	101	109954	5.183	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	57630	5.292	ug/L	98
12) 1,1-Dichloroethene	2.13	96	50885	4.808	ug/L	90
13) Acetone	2.19	43	99162	51.608	ug/L	99
14) Carbon disulfide	2.31	76	157012	4.890	ug/L	99
15) Methyl Acetate	2.46	43	25692	5.035	ug/L	94
16) Methylene chloride	2.53	84	55315	5.072	ug/L	95
17) Methyl tert-butyl Ether	2.81	73	137635	4.871	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	58170	4.909	ug/L	98
19) 1,1-Dichloroethane	3.22	63	115124	4.925	ug/L	97
21) 2-Butanone	4.02	43	155511	52.555	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	64874	4.943	ug/L	96

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00531

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 05:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	24339	4.838 ug/L	90
25) Chloroform	4.42	83	115919	4.802 ug/L	97
27) 1,2-Dichloroethane	5.18	62	74389	5.043 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	97702	4.810 ug/L	99
30) Cyclohexane	4.72	56	108381	4.813 ug/L	100
31) Carbon tetrachloride	4.87	117	83194	4.901 ug/L	97
33) Benzene	5.14	78	247394	4.882 ug/L	100
34) Trichloroethene	5.96	95	66022	5.044 ug/L	98
35) Methylcyclohexane	6.17	83	105133	4.856 ug/L	100
37) 1,2-Dichloropropane	6.22	63	58533	4.641 ug/L	98
38) Bromodichloromethane	6.55	83	75166	4.821 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	86872	4.708 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	403754	50.273 ug/L	99
42) Toluene	7.43	91	274957	5.091 ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	65226	4.650 ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	39101	4.844 ug/L	97
47) Tetrachloroethene	8.02	164	49707	5.254 ug/L	92
48) 2-Hexanone	8.18	43	289245	51.640 ug/L	98
49) Dibromochloromethane	8.29	129	44453	4.848 ug/L	97
50) 1,2-Dibromoethane	8.40	107	35809	4.666 ug/L	92
51) Chlorobenzene	8.92	112	164520	4.995 ug/L	98
52) Ethylbenzene	9.05	91	309007	5.152 ug/L	98
53) m,p-xylene	9.18	106	112306	5.063 ug/L	98
54) o-xylene	9.59	106	112583	5.172 ug/L	97
55) Styrene	9.60	104	182906	5.159 ug/L	98
56) Isopropylbenzene	9.97	105	301436	5.145 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	46528	4.754 ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	36786	5.001 ug/L	100
61) Bromoform	9.77	173	20633	4.686 ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	122651	5.060 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	119671	5.086 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	113647	5.073 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	6875	4.282 ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	90806	5.207 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	66286	5.007 ug/L	97
69) Naphthalene	13.55	128	107554	4.963 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	61191	5.154 ug/L	96

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

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