Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042519\
Data File : VV010496.D
Acq On : 25 Apr 2019 15:16
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00548

Quant Time: Apr 26 05:11:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 26 05:08:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	225168	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	233255	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126513	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	51524	3.92	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.40%			
7) Chloroethane-d5	1.58	69	41899	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.20%			
11) 1,1-Dichloroethene-d2	2.13	63	108383	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.40%			
20) 2-Butanone-d5	3.95	46	147039	52.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.66%			
24) Chloroform-d	4.40	84	131091	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	5.08	65	68024	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.09	84	265746	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.12	67	76897	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.36	98	263613	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
43) trans-1,3-Dichloropropene-	7.66	79	29465	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.14	63	118908	48.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.72%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	62877	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	110463	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	98355	5.601	ug/L	96
3) Chloromethane	1.25	50	71450	5.038	ug/L	99
5) Vinyl chloride	1.32	62	75638	4.929	ug/L	98
6) Bromomethane	1.53	94	46839	4.642	ug/L	99
8) Chloroethane	1.60	64	43937	5.098	ug/L	99
9) Trichlorofluoromethane	1.77	101	150378	5.287	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	76368	5.103	ug/L	98
12) 1,1-Dichloroethene	2.14	96	64842	4.778	ug/L	96
13) Acetone	2.19	43	76266	45.545	ug/L	100
14) Carbon disulfide	2.32	76	173527	4.731	ug/L	100
15) Methyl Acetate	2.46	43	18717	4.315	ug/L	96
16) Methylene chloride	2.53	84	66019	4.455	ug/L	94
17) Methyl tert-butyl Ether	2.81	73	148904	4.672	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	70266	4.748	ug/L	98
19) 1,1-Dichloroethane	3.23	63	116161	4.924	ug/L	98
21) 2-Butanone	4.04	43	167442	57.047	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	90395	5.863	ug/L	99

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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00548

Quant Time: Apr 26 05:11:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 26 05:08:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.29	128	39296	5.845	ug/L		91
25) Chloroform	4.42	83	165552	5.955	ug/L		98
27) 1,2-Dichloroethane	5.18	62	87685	5.374	ug/L		99
29) 1,1,1-Trichloroethane	4.65	97	144477	5.318	ug/L		99
30) Cyclohexane	4.72	56	115183	5.027	ug/L		97
31) Carbon tetrachloride	4.87	117	132892	5.382	ug/L		99
33) Benzene	5.14	78	325080	5.451	ug/L		100
34) Trichloroethene	5.96	95	91393	5.312	ug/L		96
35) Methylcyclohexane	6.17	83	135495	5.247	ug/L		99
37) 1,2-Dichloropropane	6.22	63	75567	5.221	ug/L		99
38) Bromodichloromethane	6.56	83	103659	5.321	ug/L		97
39) cis-1,3-Dichloropropene	7.07	75	108459	5.053	ug/L		98
40) 4-Methyl-2-pentanone	7.28	43	402660	49.207	ug/L		99
42) Toluene	7.43	91	371542	5.475	ug/L		100
44) trans-1,3-Dichloropropene	7.69	75	86302	5.207	ug/L		100
45) 1,1,2-Trichloroethane	7.88	97	59078	5.573	ug/L		95
47) Tetrachloroethene	8.02	164	87215	5.676	ug/L		96
48) 2-Hexanone	8.19	43	284615	50.003	ug/L		97
49) Dibromochloromethane	8.29	129	74889	5.469	ug/L		94
50) 1,2-Dibromoethane	8.40	107	57033	5.550	ug/L		95
51) Chlorobenzene	8.92	112	253043	5.489	ug/L		97
52) Ethylbenzene	9.05	91	401976	5.331	ug/L		99
53) m,p-xylene	9.18	106	164858	5.560	ug/L		95
54) o-xylene	9.59	106	155933	5.361	ug/L		98
55) Styrene	9.60	104	272459	5.774	ug/L		96
56) Isopropylbenzene	9.97	105	416800	5.380	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	65244	5.351	ug/L		100
59) 1,2,3-Trichloropropane	10.32	75	47206	5.273	ug/L		96
61) Bromoform	9.77	173	40781	5.437	ug/L		98
62) 1,3-Dichlorobenzene	11.22	146	211920	5.376	ug/L		97
63) 1,4-Dichlorobenzene	11.32	146	217164	5.470	ug/L		100
65) 1,2-Dichlorobenzene	11.69	146	203030	5.429	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.48	75	9160	4.523	ug/L	#	83
67) 1,3,5-Trichlorobenzene	12.69	180	180440	5.589	ug/L		99
68) 1,2,4-trichlorobenzene	13.31	180	134103	5.490	ug/L		98
69) Naphthalene	13.55	128	162973	4.497	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	124598	5.380	ug/L		99

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

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