Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080819\
Data File : VV012145.D
Acq On : 09 Aug 2019 01:18
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00559

Quant Time: Aug 09 06:50:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 09 06:44:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	126846	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66830	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	23454	4.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.00%			
7) Chloroethane-d5	1.58	69	17263	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.20%			
11) 1,1-Dichloroethene-d2	2.13	63	47932	4.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.80%			
20) 2-Butanone-d5	3.95	46	65895	47.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.60%			
24) Chloroform-d	4.40	84	71051	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.08	65	37763	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.09	84	129332	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.60%			
36) 1,2-Dichloropropane-d6	6.12	67	33301	4.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.40%			
41) Toluene-d8	7.36	98	133359	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloropropene-	7.66	79	16895	4.20	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.00%			
46) 2-Hexanone-d5	8.13	63	59320	46.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.64%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28222	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	55780	4.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	53098	4.432	ug/L	100
3) Chloromethane	1.25	50	24124	4.534	ug/L	99
5) Vinyl chloride	1.32	62	28206	4.577	ug/L	99
6) Bromomethane	1.53	94	15178	4.210	ug/L	97
8) Chloroethane	1.60	64	14751	4.429	ug/L	97
9) Trichlorofluoromethane	1.77	101	54605	4.517	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	24115	4.401	ug/L	99
12) 1,1-Dichloroethene	2.14	96	23346	4.615	ug/L	97
13) Acetone	2.21	43	33221	40.524	ug/L	99
14) Carbon disulfide	2.32	76	62928	4.462	ug/L	97
15) Methyl Acetate	2.46	43	7816	4.437	ug/L	90
16) Methylene chloride	2.53	84	23083	4.303	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	81745	4.618	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	33935	4.516	ug/L	93
19) 1,1-Dichloroethane	3.23	63	55468	4.511	ug/L	98
21) 2-Butanone	4.03	43	66607	47.015	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	37014	4.460	ug/L	87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.29	128	18158	4.594	ug/L		95
25) Chloroform	4.42	83	69318	4.419	ug/L		100
27) 1,2-Dichloroethane	5.18	62	43760	4.631	ug/L		97
29) 1,1,1-Trichloroethane	4.66	97	67766	4.597	ug/L		99
30) Cyclohexane	4.72	56	47319	4.521	ug/L		98
31) Carbon tetrachloride	4.87	117	65524	4.594	ug/L		99
33) Benzene	5.14	78	131495	4.547	ug/L		100
34) Trichloroethene	5.96	95	38775	4.496	ug/L		97
35) Methylcyclohexane	6.17	83	56485	4.224	ug/L		99
37) 1,2-Dichloropropane	6.22	63	27997	4.454	ug/L		98
38) Bromodichloromethane	6.55	83	49089	4.550	ug/L		97
39) cis-1,3-Dichloropropene	7.07	75	50405	4.422	ug/L		100
40) 4-Methyl-2-pentanone	7.27	43	168582	47.076	ug/L		99
42) Toluene	7.43	91	153613	4.553	ug/L		98
44) trans-1,3-Dichloropropene	7.69	75	41303	4.490	ug/L		97
45) 1,1,2-Trichloroethane	7.88	97	25104	4.654	ug/L		93
47) Tetrachloroethene	8.02	164	38102	4.567	ug/L		98
48) 2-Hexanone	8.18	43	117402	46.791	ug/L		98
49) Dibromochloromethane	8.29	129	37557	4.631	ug/L		98
50) 1,2-Dibromoethane	8.40	107	25148	4.645	ug/L	#	98
51) Chlorobenzene	8.92	112	104370	4.540	ug/L		97
52) Ethylbenzene	9.05	91	174100	4.549	ug/L		96
53) m,p-xylene	9.18	106	69693	4.657	ug/L		99
54) o-xylene	9.59	106	66054	4.557	ug/L		98
55) Styrene	9.60	104	113030	4.687	ug/L		99
56) Isopropylbenzene	9.97	105	182562	4.542	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.28	83	27832	4.667	ug/L		98
59) 1,2,3-Trichloropropane	10.32	75	21017	4.606	ug/L		99
61) Bromoform	9.77	173	23428	4.519	ug/L		98
62) 1,3-Dichlorobenzene	11.22	146	94070	4.578	ug/L		98
63) 1,4-Dichlorobenzene	11.32	146	93174	4.523	ug/L		96
65) 1,2-Dichlorobenzene	11.69	146	87167	4.569	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.47	75	5912	4.779	ug/L		92
67) 1,3,5-Trichlorobenzene	12.69	180	78787	4.465	ug/L		100
68) 1,2,4-trichlorobenzene	13.31	180	67875	4.622	ug/L		97
69) Naphthalene	13.55	128	105526	4.444	ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	63400	4.555	ug/L		98

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

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