Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062419\
Data File : VV011724.D
Acq On : 24 Jun 2019 10:35
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00547

Quant Time: Jun 25 08:19:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	199252	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	190354	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	92225	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	57152	4.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.40%			
7) Chloroethane-d5	1.58	69	45995	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.00%			
11) 1,1-Dichloroethene-d2	2.13	63	120120	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.40%			
20) 2-Butanone-d5	3.94	46	154556	44.37	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.74%			
24) Chloroform-d	4.40	84	119984	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.08	65	64090	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
32) Benzene-d6	5.09	84	240097	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	6.12	67	71945	4.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.00%			
41) Toluene-d8	7.36	98	222705	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
43) trans-1,3-Dichloropropene-	7.66	79	26508	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.13	63	120214	44.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.66%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52260	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	78014	4.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	96584	4.660	ug/L	97
3) Chloromethane	1.25	50	101815	5.414	ug/L	98
5) Vinyl chloride	1.32	62	88021	4.777	ug/L	98
6) Bromomethane	1.53	94	45593	5.677	ug/L	99
8) Chloroethane	1.60	64	51959	5.396	ug/L	95
9) Trichlorofluoromethane	1.77	101	121262	5.087	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	65135	4.822	ug/L	100
12) 1,1-Dichloroethene	2.14	96	59049	4.789	ug/L	98
13) Acetone	2.19	43	109984	43.706	ug/L	98
14) Carbon disulfide	2.32	76	163512	4.927	ug/L	99
15) Methyl Acetate	2.46	43	29076	4.640	ug/L	97
16) Methylene chloride	2.53	84	68386	4.977	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	160291	4.752	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	70763	4.881	ug/L	97
19) 1,1-Dichloroethane	3.23	63	138495	4.806	ug/L	99
21) 2-Butanone	4.03	43	191334	47.192	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	75156	4.717	ug/L	98

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00547

Quant Time: Jun 25 08:19:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.30	128	29807	4.965	ug/L		99
25) Chloroform	4.42	83	142575	4.506	ug/L		97
27) 1,2-Dichloroethane	5.18	62	88801	4.632	ug/L		99
29) 1,1,1-Trichloroethane	4.65	97	119317	4.868	ug/L		98
30) Cyclohexane	4.72	56	126884	4.532	ug/L		97
31) Carbon tetrachloride	4.87	117	99838	4.819	ug/L		99
33) Benzene	5.14	78	297907	4.721	ug/L		100
34) Trichloroethene	5.96	95	77376	4.624	ug/L		98
35) Methylcyclohexane	6.17	83	132035	4.887	ug/L		95
37) 1,2-Dichloropropane	6.22	63	75936	4.739	ug/L		99
38) Bromodichloromethane	6.55	83	89549	4.901	ug/L		100
39) cis-1,3-Dichloropropene	7.07	75	103720	4.933	ug/L		99
40) 4-Methyl-2-pentanone	7.27	43	478018	47.561	ug/L		100
42) Toluene	7.43	91	321521	4.876	ug/L		100
44) trans-1,3-Dichloropropene	7.69	75	80360	5.160	ug/L		99
45) 1,1,2-Trichloroethane	7.88	97	48558	4.774	ug/L		93
47) Tetrachloroethene	8.02	164	59335	4.761	ug/L		97
48) 2-Hexanone	8.18	43	340217	48.144	ug/L		99
49) Dibromochloromethane	8.29	129	51394	5.028	ug/L		97
50) 1,2-Dibromoethane	8.40	107	44518	4.794	ug/L	#	99
51) Chlorobenzene	8.92	112	197332	4.826	ug/L		99
52) Ethylbenzene	9.05	91	359011	4.933	ug/L		98
53) m,p-xylene	9.18	106	132759	4.967	ug/L		99
54) o-xylene	9.59	106	130035	4.976	ug/L		97
55) Styrene	9.60	104	215561	5.176	ug/L		99
56) Isopropylbenzene	9.97	105	351897	5.026	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	57826	4.782	ug/L		97
59) 1,2,3-Trichloropropane	10.32	75	42507	4.565	ug/L		98
61) Bromoform	9.77	173	24915	4.810	ug/L		99
62) 1,3-Dichlorobenzene	11.23	146	151113	4.858	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	154102	4.795	ug/L		99
65) 1,2-Dichlorobenzene	11.69	146	140642	4.747	ug/L		100
66) 1,2-Dibromo-3-chloropropan	12.47	75	8395	4.947	ug/L		89
67) 1,3,5-Trichlorobenzene	12.69	180	116041	5.016	ug/L		99
68) 1,2,4-trichlorobenzene	13.31	180	96180	5.365	ug/L		99
69) Naphthalene	13.55	128	155240	5.297	ug/L		100
70) 1,2,3-Trichlorobenzene	13.79	180	87434	5.247	ug/L		98

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

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