Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\
Data File : VV011722.D
Acq On : 22 Jun 2019 08:25
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00546

Quant Time: Jun 24 05:51:12 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	179656	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	168262	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77535	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	43253	3.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.60%			
7) Chloroethane-d5	1.57	69	31641	3.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.40%			
11) 1,1-Dichloroethene-d2	2.12	63	95759	3.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.00%			
20) 2-Butanone-d5	3.95	46	164672	52.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.86%			
24) Chloroform-d	4.40	84	99249	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.08	65	58089	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
32) Benzene-d6	5.09	84	194838	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%			
36) 1,2-Dichloropropane-d6	6.12	67	62851	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.00%			
41) Toluene-d8	7.36	98	174047	4.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.00%			
43) trans-1,3-Dichloropropene-	7.66	79	19961	3.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.20%			
46) 2-Hexanone-d5	8.14	63	126333	53.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.60%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49117	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	61821	4.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	82072	4.392	ug/L	96
3) Chloromethane	1.25	50	89391	5.272	ug/L	99
5) Vinyl chloride	1.32	62	76163	4.585	ug/L	96
6) Bromomethane	1.53	94	23919	3.303	ug/L	95
8) Chloroethane	1.59	64	38824	4.472	ug/L	95
9) Trichlorofluoromethane	1.76	101	103504	4.815	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	53707	4.409	ug/L	98
12) 1,1-Dichloroethene	2.13	96	50989	4.586	ug/L	98
13) Acetone	2.20	43	106862	47.097	ug/L	98
14) Carbon disulfide	2.31	76	127716	4.268	ug/L	98
15) Methyl Acetate	2.46	43	26914	4.764	ug/L	95
16) Methylene chloride	2.53	84	56174	4.534	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	152601	5.018	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	62679	4.795	ug/L	93
19) 1,1-Dichloroethane	3.23	63	122461	4.713	ug/L	97
21) 2-Butanone	4.03	43	194141	53.107	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	65670	4.572	ug/L	95

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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	26240	4.848 ug/L	98
25) Chloroform	4.42	83	125187	4.388 ug/L	95
27) 1,2-Dichloroethane	5.18	62	83766	4.846 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	99854	4.609 ug/L	99
30) Cyclohexane	4.72	56	108550	4.387 ug/L	98
31) Carbon tetrachloride	4.87	117	81980	4.476 ug/L	98
33) Benzene	5.14	78	263987	4.733 ug/L	100
34) Trichloroethene	5.96	95	67954	4.594 ug/L	99
35) Methylcyclohexane	6.17	83	103316	4.326 ug/L	96
37) 1,2-Dichloropropane	6.22	63	65964	4.658 ug/L	99
38) Bromodichloromethane	6.55	83	75848	4.696 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	80821	4.348 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	473767	53.328 ug/L	99
42) Toluene	7.43	91	275419	4.725 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	61959	4.501 ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	44493	4.949 ug/L	96
47) Tetrachloroethene	8.02	164	50282	4.564 ug/L	97
48) 2-Hexanone	8.19	43	343223	54.946 ug/L	100
49) Dibromochloromethane	8.29	129	45480	5.034 ug/L	98
50) 1,2-Dibromoethane	8.40	107	41200	5.019 ug/L	97
51) Chlorobenzene	8.92	112	169184	4.681 ug/L	100
52) Ethylbenzene	9.05	91	301206	4.682 ug/L	100
53) m,p-xylene	9.18	106	110272	4.667 ug/L	100
54) o-xylene	9.59	106	111243	4.816 ug/L	98
55) Styrene	9.60	104	184250	5.005 ug/L	98
56) Isopropylbenzene	9.97	105	288028	4.654 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	55344	5.177 ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	41505	5.043 ug/L	100
61) Bromoform	9.77	173	21487	4.935 ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	121979	4.664 ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	124194	4.597 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	118616	4.762 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	7286	5.107 ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	91018	4.680 ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	72317	4.798 ug/L	100
69) Naphthalene	13.55	128	139849	5.675 ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	72690	5.188 ug/L	99

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

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