Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102919\
Data File : VV013422.D
Acq On : 30 Oct 2019 02:41
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00539

Quant Time: Oct 30 02:03:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	379026	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	393067	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	245027	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	162035	4.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.60%			
7) Chloroethane-d5	1.58	69	132643	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.13	63	275845	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.20%			
20) 2-Butanone-d5	3.96	46	415116	50.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.24%			
24) Chloroform-d	4.40	84	338690	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	5.08	65	170145	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.10	84	678740	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.12	67	204931	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.36	98	634566	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
43) trans-1,3-Dichloropropene-	7.66	79	73846	4.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.20%			
46) 2-Hexanone-d5	8.13	63	284181	56.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.10%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	142955	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	235630	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	236241	4.644	ug/L	99
3) Chloromethane	1.25	50	196321	4.584	ug/L	99
5) Vinyl chloride	1.32	62	193208	4.649	ug/L	96
6) Bromomethane	1.53	94	66726	2.984	ug/L	98
8) Chloroethane	1.60	64	114659	4.829	ug/L	97
9) Trichlorofluoromethane	1.77	101	261980	4.827	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	142799	4.710	ug/L	98
12) 1,1-Dichloroethene	2.14	96	140561	4.847	ug/L	89
13) Acetone	2.23	43	192858	48.134	ug/L	98
14) Carbon disulfide	2.31	76	412256	4.703	ug/L	100
15) Methyl Acetate	2.47	43	75605	5.041	ug/L	99
16) Methylene chloride	2.53	84	182435	4.345	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	391645	5.074	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	182730	4.733	ug/L	98
19) 1,1-Dichloroethane	3.23	63	345222	4.874	ug/L	100
21) 2-Butanone	4.05	43	451184	51.688	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	191119	4.909	ug/L #	96

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Quant Time: Oct 30 02:03:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	79437	4.538	ug/L	95
25) Chloroform	4.42	83	344485	4.591	ug/L	97
27) 1,2-Dichloroethane	5.18	62	205359	4.959	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	283610	4.872	ug/L	100
30) Cyclohexane	4.72	56	316873	5.183	ug/L	98
31) Carbon tetrachloride	4.87	117	252875	4.785	ug/L	99
33) Benzene	5.14	78	750826	5.112	ug/L	100
34) Trichloroethene	5.96	95	190640	4.727	ug/L	96
35) Methylcyclohexane	6.17	83	304888	5.069	ug/L	99
37) 1,2-Dichloropropane	6.22	63	191508	5.157	ug/L	100
38) Bromodichloromethane	6.55	83	231225	4.963	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	247664	4.936	ug/L	96
40) 4-Methyl-2-pentanone	7.27	43	1131361	54.109	ug/L	100
42) Toluene	7.43	91	795088	5.191	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	190802	4.812	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	120399	4.870	ug/L	97
47) Tetrachloroethene	8.02	164	174338	5.103	ug/L	96
48) 2-Hexanone	8.18	43	819076	55.403	ug/L	98
49) Dibromochloromethane	8.29	129	150563	4.923	ug/L	98
50) 1,2-Dibromoethane	8.39	107	114171	5.031	ug/L	97
51) Chlorobenzene	8.92	112	498125	5.039	ug/L	99
52) Ethylbenzene	9.05	91	841259	5.181	ug/L	100
53) m,p-xylene	9.18	106	324566	5.412	ug/L	96
54) o-xylene	9.59	106	309207	5.329	ug/L	98
55) Styrene	9.60	104	526931	5.390	ug/L	99
56) Isopropylbenzene	9.97	105	824038	5.276	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	139895	5.334	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	105350	4.930	ug/L	97
61) Bromoform	9.77	173	86652	4.830	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	408176	4.948	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	407120	4.921	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	375874	4.920	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	20819	4.800	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	322942	4.882	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	257569	5.030	ug/L	99
69) Naphthalene	13.55	128	375852	5.361	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	243096	5.224	ug/L	99

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

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