Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122719\
Data File : VV014191.D
Acq On : 27 Dec 2019 14:42
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00540

Quant Time: Dec 28 00:55:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 28 00:45:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	831876	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	757340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	350878	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	173168	4.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.80%			
7) Chloroethane-d5	1.58	69	143486	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.40%			
11) 1,1-Dichloroethene-d2	2.13	63	324158	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.60%			
20) 2-Butanone-d5	3.95	46	437218	45.18	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.36%			
24) Chloroform-d	4.40	84	433965	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
26) 1,2-Dichloroethane-d4	5.08	65	214058	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
32) Benzene-d6	5.10	84	930408	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.11	67	281698	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.00%			
41) Toluene-d8	7.36	98	868355	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
43) trans-1,3-Dichloropropene-	7.66	79	122920	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.13	63	483301	45.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.96%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	200489	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	291691	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	306290	4.855	ug/L	99
3) Chloromethane	1.25	50	272475	4.766	ug/L	99
5) Vinyl chloride	1.32	62	262721	4.840	ug/L	98
6) Bromomethane	1.53	94	122998	4.893	ug/L	99
8) Chloroethane	1.60	64	140991	4.874	ug/L	97
9) Trichlorofluoromethane	1.77	101	340569	4.884	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	191658	5.092	ug/L	96
12) 1,1-Dichloroethene	2.14	96	178442	4.856	ug/L	94
13) Acetone	2.21	43	240487	40.287	ug/L	94
14) Carbon disulfide	2.32	76	752981	4.682	ug/L	99
15) Methyl Acetate	2.47	43	106904	5.408	ug/L	91
16) Methylene chloride	2.53	84	270574	4.368	ug/L	96
17) Methyl tert-butyl Ether	2.80	73	632474	4.648	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	271616	4.731	ug/L	98
19) 1,1-Dichloroethane	3.23	63	506401	4.757	ug/L	100
21) 2-Butanone	4.03	43	537842	48.517	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	298424	4.771	ug/L	99

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	112654	4.634	ug/L	94
25) Chloroform	4.42	83	510782	4.733	ug/L	99
27) 1,2-Dichloroethane	5.18	62	286834	4.746	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	454038	4.940	ug/L	99
30) Cyclohexane	4.72	56	503700	5.011	ug/L	99
31) Carbon tetrachloride	4.87	117	386801	4.929	ug/L	99
33) Benzene	5.14	78	1127340	4.812	ug/L	100
34) Trichloroethene	5.96	95	305541	4.869	ug/L	99
35) Methylcyclohexane	6.17	83	522416	4.996	ug/L	99
37) 1,2-Dichloropropane	6.22	63	270238	4.749	ug/L	100
38) Bromodichloromethane	6.55	83	367389	4.838	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	449567	4.828	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1665858	47.064	ug/L	98
42) Toluene	7.43	91	1220173	4.742	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	350607	4.814	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	181811	4.685	ug/L	99
47) Tetrachloroethene	8.01	164	211539	4.822	ug/L	97
48) 2-Hexanone	8.18	43	1176371	48.059	ug/L	99
49) Dibromochloromethane	8.29	129	231627	4.680	ug/L	99
50) 1,2-Dibromoethane	8.39	107	175590	4.707	ug/L	98
51) Chlorobenzene	8.92	112	758574	4.767	ug/L	100
52) Ethylbenzene	9.05	91	1397267	4.891	ug/L	99
53) m,p-xylene	9.18	106	520259	4.846	ug/L	96
54) o-xylene	9.58	106	499350	4.763	ug/L	97
55) Styrene	9.60	104	845598	4.805	ug/L	98
56) Isopropylbenzene	9.97	105	1351887	4.917	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	222631	4.758	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	159469	4.585	ug/L	98
61) Bromoform	9.77	173	121849	4.758	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	574419	4.946	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	567158	4.885	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	511267	4.802	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	38805	4.426	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	414453	4.901	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	369512	4.981	ug/L	99
69) Naphthalene	13.55	128	665065	4.923	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	319275	4.931	ug/L	98

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

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