Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121119\
Data File : VU036146.D
Acq On : 11 Dec 2019 21:05
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Dec 12 06:17:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	330302	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	337209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164138	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	184342	6.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 125.20%			
7) Chloroethane-d5	1.93	69	165255	5.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.00%			
11) 1,1-Dichloroethene-d2	2.59	63	234188	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.00%			
20) 2-Butanone-d5	4.69	46	316721	63.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 126.26%			
24) Chloroform-d	5.11	84	254036	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
26) 1,2-Dichloroethane-d4	5.75	65	126279	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.77	84	499979	5.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.20%			
36) 1,2-Dichloropropane-d6	6.73	67	151252	5.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 117.60%			
41) Toluene-d8	7.93	98	477964	6.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 121.40%			
43) trans-1,3-Dichloropropene-	8.21	79	62072	5.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 115.80%			
46) 2-Hexanone-d5	8.67	63	270027	69.56	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 139.12%#			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	140171	5.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 118.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	164779	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	152844	4.707	ug/L	99
3) Chloromethane	1.54	50	189304	5.971	ug/L	100
5) Vinyl chloride	1.62	62	202876	6.134	ug/L	98
6) Bromomethane	1.87	94	120391	4.530	ug/L	98
8) Chloroethane	1.95	64	127556	5.069	ug/L	96
9) Trichlorofluoromethane	2.15	101	255983	4.445	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	125167	3.917	ug/L	97
12) 1,1-Dichloroethene	2.60	96	113807	3.960	ug/L #	80
13) Acetone	2.68	43	218927	34.378	ug/L	100
14) Carbon disulfide	2.82	76	352818	4.286	ug/L	98
15) Methyl Acetate	3.00	43	54074	5.751	ug/L	97
16) Methylene chloride	3.08	84	142274	4.263	ug/L	95
17) Methyl tert-butyl Ether	3.42	73	255381	5.162	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	117608	4.795	ug/L	97
19) 1,1-Dichloroethane	3.92	63	227328	5.164	ug/L	99
21) 2-Butanone	4.77	43	339345	53.239	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	128288	4.983	ug/L	95

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	65625	4.931 ug/L	92
25) Chloroform	5.14	83	242046	4.934 ug/L	95
27) 1,2-Dichloroethane	5.84	62	147687	5.095 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	200748	5.282 ug/L	99
30) Cyclohexane	5.43	56	165041	5.531 ug/L	96
31) Carbon tetrachloride	5.56	117	178409	5.191 ug/L	100
33) Benzene	5.82	78	521280	5.656 ug/L	100
34) Trichloroethene	6.58	95	128032	5.232 ug/L	95
35) Methylcyclohexane	6.80	83	172095	5.242 ug/L	97
37) 1,2-Dichloropropane	6.83	63	135181	5.847 ug/L	100
38) Bromodichloromethane	7.14	83	170534	5.488 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	175611	5.589 ug/L	96
40) 4-Methyl-2-pentanone	7.83	43	778023	64.432 ug/L	99
42) Toluene	8.00	91	568034	5.747 ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	155639	5.730 ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	103769	5.701 ug/L	98
47) Tetrachloroethene	8.58	164	110323	4.742 ug/L	99
48) 2-Hexanone	8.73	43	595927	68.794 ug/L	99
49) Dibromochloromethane	8.84	129	124720	5.162 ug/L	99
50) 1,2-Dibromoethane	8.96	107	98063	5.572 ug/L	95
51) Chlorobenzene	9.48	112	351217	5.099 ug/L	97
52) Ethylbenzene	9.60	91	524304	5.063 ug/L	99
53) m,p-Xylene	9.72	106	208359	5.053 ug/L	99
54) o-Xylene	10.13	106	200301	5.173 ug/L	95
55) Styrene	10.14	104	349682	5.267 ug/L	99
56) Isopropylbenzene	10.51	105	511607	5.008 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	132191	5.494 ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	95941	5.806 ug/L	98
61) Bromoform	10.32	173	76009	4.653 ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	263613	4.910 ug/L	96
63) 1,4-Dichlorobenzene	11.86	146	258710	4.891 ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	261730	4.934 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	18021	5.407 ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	167801	4.613 ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	85702	4.437 ug/L	97
69) Naphthalene	14.11	128	78752	4.236 ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	82907	4.476 ug/L	99

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

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