Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091819\
Data File : VU034624.D
Acq On : 17 Sep 2019 18:51
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

Quant Time: Sep 18 08:03:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 18:25:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	105027	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	101238	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	45042	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	42349	5.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.40%			
7) Chloroethane-d5	1.67	69	34473	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.60%			
11) 1,1-Dichloroethene-d2	2.26	63	74617	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.20%			
20) 2-Butanone-d5	4.17	46	94891	46.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.38%			
24) Chloroform-d	4.62	84	63057	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.29	65	36299	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.00%			
32) Benzene-d6	5.31	84	139458	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
36) 1,2-Dichloropropane-d6	6.31	67	45679	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.54	98	131386	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
43) trans-1,3-Dichloropropene-	7.83	79	18333	4.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.60%			
46) 2-Hexanone-d5	8.29	63	84240	51.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.92%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	36974	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	38839	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	40565	5.100	ug/L	96
3) Chloromethane	1.32	50	40481	5.398	ug/L	99
5) Vinyl chloride	1.40	62	38736	4.931	ug/L	98
6) Bromomethane	1.62	94	20414	5.212	ug/L	90
8) Chloroethane	1.69	64	23742	5.184	ug/L	94
9) Trichlorofluoromethane	1.88	101	54013	5.187	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	30065	5.139	ug/L	98
12) 1,1-Dichloroethene	2.27	96	26564	5.128	ug/L	90
13) Acetone	2.31	43	79075	49.820	ug/L	99
14) Carbon disulfide	2.46	76	68578	5.164	ug/L	98
15) Methyl Acetate	2.60	43	18306	4.725	ug/L #	92
16) Methylene chloride	2.68	84	31207	4.529	ug/L	96
17) Methyl tert-butyl Ether	2.98	73	92386	5.093	ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	27852	5.174	ug/L	98
19) 1,1-Dichloroethane	3.42	63	68499	5.213	ug/L	99
21) 2-Butanone	4.25	43	121766	53.291	ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	36532	5.074	ug/L	96

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

Quant Time: Sep 18 08:03:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 18:25:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.52	128	14266	5.375	ug/L		96
25) Chloroform	4.65	83	73565	5.005	ug/L		95
27) 1,2-Dichloroethane	5.39	62	43994	5.202	ug/L		95
29) 1,1,1-Trichloroethane	4.89	97	53717	5.033	ug/L		94
30) Cyclohexane	4.96	56	55756	4.970	ug/L		98
31) Carbon tetrachloride	5.11	117	44899	5.170	ug/L		96
33) Benzene	5.36	78	140312	5.126	ug/L		100
34) Trichloroethene	6.16	95	36133	5.295	ug/L		95
35) Methylcyclohexane	6.39	83	56982	5.170	ug/L		95
37) 1,2-Dichloropropane	6.41	63	42882	5.074	ug/L		100
38) Bromodichloromethane	6.73	83	50492	4.993	ug/L		99
39) cis-1,3-Dichloropropene	7.25	75	61982	5.209	ug/L		94
40) 4-Methyl-2-pentanone	7.44	43	327173	51.362	ug/L		99
42) Toluene	7.61	91	151449	5.120	ug/L		100
44) trans-1,3-Dichloropropene	7.86	75	48100	4.983	ug/L		100
45) 1,1,2-Trichloroethane	8.04	97	28097	5.227	ug/L		96
47) Tetrachloroethene	8.21	164	21983	5.314	ug/L		97
48) 2-Hexanone	8.34	43	224021	52.329	ug/L		99
49) Dibromochloromethane	8.46	129	31172	4.944	ug/L		98
50) 1,2-Dibromoethane	8.57	107	24506	5.000	ug/L	#	97
51) Chlorobenzene	9.10	112	96237	5.190	ug/L		99
52) Ethylbenzene	9.23	91	174930	5.115	ug/L		99
53) m,p-Xylene	9.35	106	61710	5.088	ug/L		99
54) o-Xylene	9.76	106	62882	5.161	ug/L		88
55) Styrene	9.77	104	106988	5.287	ug/L		99
56) Isopropylbenzene	10.14	105	173778	5.134	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.43	83	41561	5.237	ug/L		98
59) 1,2,3-Trichloropropane	10.47	75	29209	5.290	ug/L		98
61) Bromoform	9.94	173	15441	5.190	ug/L		97
62) 1,3-Dichlorobenzene	11.40	146	71051	5.373	ug/L		99
63) 1,4-Dichlorobenzene	11.49	146	70000	5.303	ug/L		96
65) 1,2-Dichlorobenzene	11.85	146	67153	5.189	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.64	75	6647	5.671	ug/L		90
67) 1,3,5-Trichlorobenzene	12.86	180	46003	5.323	ug/L		99
68) 1,2,4-trichlorobenzene	13.49	180	38103	5.529	ug/L		97
69) Naphthalene	13.72	128	89587	5.338	ug/L		96
70) 1,2,3-Trichlorobenzene	13.97	180	36591	5.668	ug/L		98

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

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