Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100819\
Data File : VU034987.D
Acq On : 08 Oct 2019 12:40
Operator : JC/SP
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 09 07:52:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 07:15:09 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : MDL05

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	175785	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	175994	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	75090	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	45758	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	1.67	69	44258	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.26	63	70962	3.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.80%			
20) 2-Butanone-d5	4.19	46	153387	50.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.26%			
24) Chloroform-d	4.62	84	87858	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	5.29	65	55879	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.32	84	191692	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.31	67	65738	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.54	98	174621	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
43) trans-1,3-Dichloropropene-	7.84	79	19797	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
46) 2-Hexanone-d5	8.30	63	112691	47.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.44%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56740	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	64711	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	4521	0.281	ug/L	95
3) Chloromethane	1.32	50	5399	0.306	ug/L	91
5) Vinyl chloride	1.40	62	5203	0.301	ug/L	86
6) Bromomethane	1.62	94	2671	0.278	ug/L	99
8) Chloroethane	1.69	64	2748	0.265	ug/L	98
9) Trichlorofluoromethane	1.87	101	6140	0.293	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3718	0.309	ug/L	91
12) 1,1-Dichloroethene	2.27	96	3357	0.297	ug/L #	1
13) Acetone	2.33	43	7705	3.074	ug/L	98
14) Carbon disulfide	2.46	76	10062	0.268	ug/L	99
15) Methyl Acetate	2.62	43	1692	0.254	ug/L #	73
16) Methylene chloride	2.69	84	5797	0.415	ug/L	81
17) Methyl tert-butyl Ether	2.99	73	8950	0.291	ug/L	96
18) trans-1,2-Dichloroethene	2.96	96	3531	0.292	ug/L	88
19) 1,1-Dichloroethane	3.42	63	6385	0.266	ug/L	94
21) 2-Butanone	4.28	43	9861m	2.763	ug/L	
22) cis-1,2-Dichloroethene	4.20	96	3245	0.241	ug/L	90

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.52	128	1283	0.227 ug/L		92
25) Chloroform	4.65	83	19891	0.737 ug/L		96
27) 1,2-Dichloroethane	5.39	62	4554	0.289 ug/L		95
29) 1,1,1-Trichloroethane	4.89	97	5133	0.260 ug/L	#	84
30) Cyclohexane	4.96	56	5319	0.245 ug/L		98
31) Carbon tetrachloride	5.10	117	4322	0.252 ug/L		100
33) Benzene	5.37	78	14658	0.276 ug/L		100
34) Trichloroethene	6.17	95	3762	0.275 ug/L		88
35) Methylcyclohexane	6.39	83	5766	0.260 ug/L		94
37) 1,2-Dichloropropane	6.41	63	3621	0.253 ug/L	#	92
38) Bromodichloromethane	6.74	83	4618	0.275 ug/L		94
39) cis-1,3-Dichloropropene	7.25	75	4963m	0.256 ug/L		
40) 4-Methyl-2-pentanone	7.45	43	21513	2.390 ug/L	#	84
42) Toluene	7.62	91	14319	0.259 ug/L		97
44) trans-1,3-Dichloropropene	7.87	75	3526	0.235 ug/L		93
45) 1,1,2-Trichloroethane	8.05	97	2921	0.308 ug/L		80
47) Tetrachloroethene	8.21	164	3001	0.271 ug/L		78
48) 2-Hexanone	8.35	43	19741	3.199 ug/L		93
49) Dibromochloromethane	8.46	129	2712	0.247 ug/L		89
50) 1,2-Dibromoethane	8.57	107	2244	0.247 ug/L	#	89
51) Chlorobenzene	9.10	112	9183	0.256 ug/L	#	81
52) Ethylbenzene	9.23	91	16047	0.263 ug/L		100
53) m,p-Xylene	9.36	106	5078	0.225 ug/L		90
54) o-Xylene	9.76	106	4922	0.223 ug/L		75
55) Styrene	9.78	104	7549	0.211 ug/L		93
56) Isopropylbenzene	10.15	105	13242	0.225 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.44	83	3632	0.281 ug/L	#	98
59) 1,2,3-Trichloropropane	10.48	75	2435m	0.263 ug/L		
61) Bromoform	9.94	173	1473	0.286 ug/L	#	88
62) 1,3-Dichlorobenzene	11.40	146	6627	0.286 ug/L		97
63) 1,4-Dichlorobenzene	11.49	146	6823	0.292 ug/L		99
65) 1,2-Dichlorobenzene	11.86	146	6717	0.301 ug/L		93
67) 1,3,5-Trichlorobenzene	12.87	180	3676m	0.235 ug/L		
69) Naphthalene	13.84	128	2147m	0.118 ug/L		
70) 1,2,3-Trichlorobenzene	14.00	180	1917m	0.169 ug/L		

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

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