Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081919\
Data File : VU033839.D
Acq On : 19 Aug 2019 11:34
Operator : JC/SP
Sample : MDL07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL07

Manual Integrations APPROVED
MMDadoda
8/20/2019 8:39:05 AM

Quant Time: Aug 19 16:04:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR081419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 17 01:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	166003	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	174652	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	80458	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	96735	5.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.00%			
7) Chloroethane-d5	1.67	69	79720	5.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.60%			
11) 1,1-Dichloroethene-d2	2.26	65	45873	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.20%			
20) 2-Butanone-d5	4.19	46	192933	53.14	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.28%			
24) Chloroform-d	4.62	84	145454	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
26) 1,2-Dichloroethane-d4	5.29	65	78746	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.40%			
32) Benzene-d6	5.32	84	283555	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
36) 1,2-Dichloropropane-d6	6.31	67	90886	5.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.80%			
41) Toluene-d8	7.55	98	234852	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	7.84	79	32351	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.30	63	127673	47.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.16%			
56) 1,1,2,2-Tetrachloroethane-	10.41	84	72781	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.00%			
66) 1,2-Dichlorobenzene-d4	11.85	152	91810	5.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	5934	0.247	ug/L	93
3) Chloromethane	1.32	50	6820	0.273	ug/L	98
5) Vinyl chloride	1.39	62	6728	0.247	ug/L #	67
6) Bromomethane	1.62	94	4226	0.267	ug/L	90
8) Chloroethane	1.69	64	4187	0.260	ug/L	94
9) Trichlorofluoromethane	1.87	101	8966	0.240	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	6320	0.319	ug/L #	85
12) 1,1-Dichloroethene	2.27	96	5767	0.301	ug/L #	1
13) Acetone	2.34	43	11039	2.853	ug/L	90
14) Carbon disulfide	2.46	76	16175	0.249	ug/L #	94
15) Methyl Acetate	2.61	43	2236	0.222	ug/L	93
16) Methylene chloride	2.68	84	7888	0.353	ug/L	90
17) Methyl tert-butyl Ether	2.98	73	11898	0.240	ug/L	97
18) trans-1,2-Dichloroethene	2.96	96	5662	0.276	ug/L	95
19) 1,1-Dichloroethane	3.42	63	7625	0.237	ug/L	94
21) 2-Butanone	4.29	43	9782	2.042	ug/L	89
22) cis-1,2-Dichloroethene	4.20	96	4163	0.238	ug/L	87

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	1882	0.224 ug/L #	88
25) Chloroform	4.65	83	12800	0.370 ug/L	93
27) 1,2-Dichloroethane	5.39	62	5405	0.254 ug/L #	94
29) 1,1,1-Trichloroethane	4.88	97	6991	0.246 ug/L	98
30) Cyclohexane	4.96	56	4860	0.189 ug/L	96
31) Carbon tetrachloride	5.11	117	6086	0.241 ug/L	97
33) Benzene	5.37	78	16112	0.231 ug/L	100
34) Trichloroethene	6.17	95	4459	0.243 ug/L	96
35) Methylcyclohexane	6.39	83	5730	0.209 ug/L	98
37) 1,2-Dichloropropane	6.41	63	4411	0.234 ug/L #	94
38) Bromodichloromethane	6.74	83	5432	0.228 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	5213	0.205 ug/L	92
40) 4-Methyl-2-pentanone	7.45	43	20310	1.862 ug/L #	90
42) Toluene	7.62	91	16583	0.226 ug/L	93
44) trans-1,3-Dichloropropene	7.87	75	4836	0.227 ug/L	89
45) 1,1,2-Trichloroethane	8.05	97	3287	0.244 ug/L	98
47) Tetrachloroethene	8.21	164	3737	0.245 ug/L	89
48) 2-Hexanone	8.35	43	27356	3.468 ug/L	94
49) Dibromochloromethane	8.46	129	3931	0.240 ug/L	93
50) 1,2-Dibromoethane	8.58	107	3354	0.257 ug/L #	83
51) Chlorobenzene	9.10	112	10870	0.230 ug/L	99
52) Ethylbenzene	9.23	91	15361	0.202 ug/L	100
53) m,p-Xylene	9.36	106	5432	0.190 ug/L	85
54) o-Xylene	9.76	106	4984	0.183 ug/L	98
55) Styrene	9.78	104	7662	0.162 ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.44	83	4327	0.244 ug/L #	82
59) Isopropylbenzene	10.15	105	12849	0.209 ug/L	98
60) Bromoform	9.94	173	1958	0.238 ug/L #	84
61) 1,2,3-Trichloropropane	10.48	75	3105	0.291 ug/L #	92
62) 1,3,5-Trimethylbenzene	10.76	105	9483	0.191 ug/L	99
63) 1,2,4-Trimethylbenzene	11.13	105	9285	0.187 ug/L	97
64) 1,3-Dichlorobenzene	11.40	146	7289	0.222 ug/L	92
65) 1,4-Dichlorobenzene	11.49	146	8325	0.247 ug/L	93
67) 1,2-Dichlorobenzene	11.86	146	8780	0.277 ug/L	99
69) 1,3,5-Trichlorobenzene	12.88	180	5914	0.229 ug/L	95
70) 1,2,4-trichlorobenzene	13.49	180	4115	0.205 ug/L	85
71) Naphthalene	13.74	128	5250m	0.170 ug/L	
72) 1,2,3-Trichlorobenzene	13.99	180	3326	0.176 ug/L	97

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

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