Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100819\
Data File : VU034989.D
Acq On : 08 Oct 2019 13:28
Operator : JC/SP
Sample : MDL07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL07

Manual Integrations APPROVED
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10/9/2019 3:48:11 PM

Quant Time: Oct 09 07:58:09 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	168567	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	172224	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	72109	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	45824	4.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.00%			
7) Chloroethane-d5	1.67	69	44041	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.26	63	71627	3.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.20%			
20) 2-Butanone-d5	4.19	46	152228	51.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.76%			
24) Chloroform-d	4.62	84	88566	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.29	65	57243	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.31	84	191737	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.31	67	66839	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.54	98	172245	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
43) trans-1,3-Dichloropropene-	7.84	79	20063	4.13	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.60%			
46) 2-Hexanone-d5	8.30	63	105254	45.55	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.10%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54245	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%			
64) 1,2-Dichlorobenzene-d4	11.84	152	65126	5.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	4353	0.283	ug/L	100
3) Chloromethane	1.32	50	5372	0.318	ug/L	97
5) Vinyl chloride	1.40	62	5352	0.322	ug/L	93
6) Bromomethane	1.62	94	2878	0.312	ug/L	93
8) Chloroethane	1.69	64	3149	0.316	ug/L	96
9) Trichlorofluoromethane	1.87	101	6380	0.318	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3937	0.342	ug/L	86
12) 1,1-Dichloroethene	2.27	96	3851	0.356	ug/L #	1
13) Acetone	2.33	43	8667	3.606	ug/L	96
14) Carbon disulfide	2.46	76	10606	0.294	ug/L	98
15) Methyl Acetate	2.61	43	1933	0.302	ug/L #	80
16) Methylene chloride	2.68	84	6355	0.474	ug/L	86
17) Methyl tert-butyl Ether	2.99	73	9154	0.310	ug/L #	92
18) trans-1,2-Dichloroethene	2.96	96	3299	0.285	ug/L	93
19) 1,1-Dichloroethane	3.42	63	6969	0.302	ug/L	98
21) 2-Butanone	4.28	43	9660m	2.823	ug/L	
22) cis-1,2-Dichloroethene	4.20	96	3779	0.292	ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.53	128	1509	0.278 ug/L		81
25) Chloroform	4.65	83	19663	0.759 ug/L		94
27) 1,2-Dichloroethane	5.39	62	4546	0.301 ug/L	#	92
29) 1,1,1-Trichloroethane	4.89	97	5474	0.283 ug/L		93
30) Cyclohexane	4.96	56	5783	0.272 ug/L		92
31) Carbon tetrachloride	5.11	117	4644	0.277 ug/L		95
33) Benzene	5.36	78	14695m	0.283 ug/L		
34) Trichloroethene	6.17	95	3705	0.277 ug/L		93
35) Methylcyclohexane	6.39	83	5766	0.266 ug/L		97
37) 1,2-Dichloropropane	6.41	63	3332	0.238 ug/L	#	88
38) Bromodichloromethane	6.74	83	4719	0.288 ug/L		89
39) cis-1,3-Dichloropropene	7.25	75	4541m	0.240 ug/L		
40) 4-Methyl-2-pentanone	7.45	43	20773	2.359 ug/L	#	88
42) Toluene	7.62	91	14217	0.263 ug/L		92
44) trans-1,3-Dichloropropene	7.87	75	3688m	0.251 ug/L		
45) 1,1,2-Trichloroethane	8.05	97	2530	0.272 ug/L	#	82
47) Tetrachloroethene	8.21	164	3011	0.278 ug/L		94
48) 2-Hexanone	8.35	43	19405	3.213 ug/L	#	94
49) Dibromochloromethane	8.46	129	2412	0.225 ug/L		94
50) 1,2-Dibromoethane	8.57	107	2273	0.256 ug/L	#	94
51) Chlorobenzene	9.10	112	9355	0.267 ug/L		89
52) Ethylbenzene	9.23	91	15772	0.264 ug/L		95
53) m,p-Xylene	9.36	106	5282	0.239 ug/L		91
54) o-Xylene	9.76	106	5225	0.242 ug/L		96
55) Styrene	9.78	104	7843	0.224 ug/L		99
56) Isopropylbenzene	10.14	105	14355	0.249 ug/L		96
58) 1,1,2,2-Tetrachloroethane	10.43	83	3428	0.271 ug/L	#	91
59) 1,2,3-Trichloropropane	10.48	75	2271	0.251 ug/L		92
61) Bromoform	9.94	173	1331	0.269 ug/L	#	95
62) 1,3-Dichlorobenzene	11.40	146	7002	0.315 ug/L		94
63) 1,4-Dichlorobenzene	11.49	146	6859	0.306 ug/L		93
65) 1,2-Dichlorobenzene	11.86	146	7248	0.338 ug/L		95
67) 1,3,5-Trichlorobenzene	12.87	180	3272	0.218 ug/L	#	85
69) Naphthalene	13.77	128	1984m	0.114 ug/L		
70) 1,2,3-Trichlorobenzene	13.99	180	2093m	0.192 ug/L		

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

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