Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100819\
Data File : VU034983.D
Acq On : 08 Oct 2019 11:02
Operator : JC/SP
Sample : MDL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 09 07:42:36 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 : MDL01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	178790	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	178947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	75948	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	44959	4.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.00%			
7) Chloroethane-d5	1.67	69	44488	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.20%			
11) 1,1-Dichloroethene-d2	2.26	63	70629	3.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.40%			
20) 2-Butanone-d5	4.18	46	151553	48.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.38%			
24) Chloroform-d	4.62	84	84392	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
26) 1,2-Dichloroethane-d4	5.29	65	55421	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.32	84	196080	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.31	67	66091	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.54	98	174405	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	7.84	79	20656	4.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.80%			
46) 2-Hexanone-d5	8.30	63	106999	44.56	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.12%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56288	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	11.84	152	65200	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	3966	0.243	ug/L	91
3) Chloromethane	1.32	50	4942	0.276	ug/L	99
5) Vinyl chloride	1.40	62	4577	0.260	ug/L #	76
6) Bromomethane	1.62	94	2623	0.268	ug/L	94
8) Chloroethane	1.69	64	2841	0.269	ug/L	93
9) Trichlorofluoromethane	1.88	101	5629	0.264	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3464	0.283	ug/L	88
12) 1,1-Dichloroethene	2.27	96	3675	0.320	ug/L #	1
13) Acetone	2.33	43	8324	3.266	ug/L	87
14) Carbon disulfide	2.46	76	9850	0.258	ug/L #	88
15) Methyl Acetate	2.61	43	1553	0.229	ug/L	95
16) Methylene chloride	2.68	84	6604	0.465	ug/L	91
17) Methyl tert-butyl Ether	2.99	73	8252	0.263	ug/L #	91
18) trans-1,2-Dichloroethene	2.96	96	3059	0.249	ug/L	94
19) 1,1-Dichloroethane	3.42	63	6375	0.261	ug/L	94
21) 2-Butanone	4.29	43	9449m	2.603	ug/L	
22) cis-1,2-Dichloroethene	4.21	96	3232	0.236	ug/L	89

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.53	128	1559	0.271 ug/L	79
25) Chloroform	4.65	83	25314	0.922 ug/L	92
27) 1,2-Dichloroethane	5.39	62	4213	0.263 ug/L #	88
29) 1,1,1-Trichloroethane	4.89	97	5339	0.266 ug/L	95
30) Cyclohexane	4.96	56	5135	0.232 ug/L	96
31) Carbon tetrachloride	5.11	117	4091	0.235 ug/L	95
33) Benzene	5.37	78	12933	0.240 ug/L	100
34) Trichloroethene	6.17	95	3508	0.252 ug/L	95
35) Methylcyclohexane	6.39	83	5317	0.236 ug/L	92
37) 1,2-Dichloropropane	6.42	63	3981	0.274 ug/L #	88
38) Bromodichloromethane	6.74	83	4356	0.256 ug/L #	94
39) cis-1,3-Dichloropropene	7.26	75	4609m	0.234 ug/L	
40) 4-Methyl-2-pentanone	7.45	43	19487	2.129 ug/L #	86
42) Toluene	7.62	91	13860	0.246 ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	3385m	0.222 ug/L	
45) 1,1,2-Trichloroethane	8.05	97	2534	0.262 ug/L	97
47) Tetrachloroethene	8.21	164	2942	0.261 ug/L	90
48) 2-Hexanone	8.35	43	16703	2.662 ug/L	94
49) Dibromochloromethane	8.46	129	2676	0.240 ug/L	91
50) 1,2-Dibromoethane	8.58	107	2167	0.235 ug/L #	85
51) Chlorobenzene	9.10	112	9448	0.259 ug/L	98
52) Ethylbenzene	9.23	91	14434	0.232 ug/L	94
53) m,p-Xylene	9.36	106	5106	0.222 ug/L	91
54) o-Xylene	9.76	106	4929	0.220 ug/L	89
55) Styrene	9.78	104	7162	0.197 ug/L	84
56) Isopropylbenzene	10.14	105	13011	0.218 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	3500	0.267 ug/L #	80
59) 1,2,3-Trichloropropane	10.48	75	2197	0.233 ug/L	92
61) Bromoform	9.94	173	1244	0.239 ug/L #	89
62) 1,3-Dichlorobenzene	11.40	146	6165	0.264 ug/L	97
63) 1,4-Dichlorobenzene	11.49	146	6729	0.285 ug/L	95
65) 1,2-Dichlorobenzene	11.86	146	6472	0.287 ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	3240m	0.205 ug/L	
70) 1,2,3-Trichlorobenzene	14.00	180	1704m	0.148 ug/L	

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

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