Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110118\
Data File : VU027900.D
Acq On : 01 Nov 2018 13:35
Operator : MD/SY
Sample : MDL07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Manual Integrations APPROVED
MMDadoda
11/5/2018 4:10:26 PM

Quant Time: Nov 02 07:46:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	78795	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	77130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37938	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	23663	3.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.80%			
7) Chloroethane-d5	1.68	69	19479	4.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.00%			
11) 1,1-Dichloroethene-d2	2.28	63	38203	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	4.20	46	86978	47.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.72%			
24) Chloroform-d	4.65	84	45333	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.80%			
26) 1,2-Dichloroethane-d4	5.31	65	30684	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.34	84	88931	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.20%			
36) 1,2-Dichloropropane-d6	6.33	67	31914	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.40%			
41) Toluene-d8	7.57	98	81840	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
43) trans-1,3-Dichloropropene-	7.85	79	11744	4.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.20%			
46) 2-Hexanone-d5	8.31	63	68796	43.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.92%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23194	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	31479	4.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2463	0.318	ug/L	95
3) Chloromethane	1.33	50	2261	0.294	ug/L	96
5) Vinyl chloride	1.40	62	2511	0.328	ug/L	87
6) Bromomethane	1.63	94	821	0.326	ug/L	89
8) Chloroethane	1.70	64	1719	0.383	ug/L #	82
9) Trichlorofluoromethane	1.89	101	3259	0.320	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	1714	0.330	ug/L #	85
12) 1,1-Dichloroethene	2.29	96	1520	0.311	ug/L #	1
13) Acetone	2.32	43	4245	3.667	ug/L	88
14) Carbon disulfide	2.48	76	4311	0.247	ug/L	98
15) Methyl Acetate	2.62	43	1234m	0.398	ug/L	
16) Methylene chloride	2.70	84	1919	0.349	ug/L	87
17) Methyl tert-butyl Ether	3.00	73	3817	0.262	ug/L #	77
18) trans-1,2-Dichloroethene	2.99	96	1547	0.297	ug/L	88
19) 1,1-Dichloroethane	3.45	63	3168	0.288	ug/L	96
21) 2-Butanone	4.29	43	6125	3.043	ug/L	89
22) cis-1,2-Dichloroethene	4.22	96	1625	0.270	ug/L	73

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.55	128	671	0.269 ug/L	#	74
25) Chloroform	4.68	83	7525	0.676 ug/L		98
27) 1,2-Dichloroethane	5.41	62	2257	0.290 ug/L	#	78
29) 1,1,1-Trichloroethane	4.92	97	2768	0.278 ug/L		95
30) Cyclohexane	4.99	56	3172	0.271 ug/L		96
31) Carbon tetrachloride	5.13	117	2439	0.286 ug/L		91
33) Benzene	5.40	78	6837	0.280 ug/L		100
34) Trichloroethene	6.19	95	1785	0.281 ug/L		93
35) Methylcyclohexane	6.41	83	3054	0.282 ug/L		92
37) 1,2-Dichloropropane	6.43	63	1893	0.272 ug/L	#	90
38) Bromodichloromethane	6.77	83	2164	0.266 ug/L	#	92
39) cis-1,3-Dichloropropene	7.27	75	2698	0.271 ug/L		99
40) 4-Methyl-2-pentanone	7.47	43	13875	2.822 ug/L	#	89
42) Toluene	7.64	91	7435	0.291 ug/L		97
44) trans-1,3-Dichloropropene	7.88	75	2320	0.271 ug/L		99
45) 1,1,2-Trichloroethane	8.08	97	1183	0.276 ug/L		88
47) Tetrachloroethene	8.23	164	1457	0.298 ug/L		83
48) 2-Hexanone	8.37	43	11102	3.133 ug/L		96
49) Dibromochloromethane	8.48	129	1276	0.247 ug/L		88
50) 1,2-Dibromoethane	8.59	107	1044	0.255 ug/L	#	74
51) Chlorobenzene	9.12	112	4986	0.315 ug/L		86
52) Ethylbenzene	9.25	91	7982	0.274 ug/L		88
53) m,p-xylene	9.38	106	2880	0.273 ug/L		84
54) o-xylene	9.78	106	2675	0.258 ug/L		74
55) Styrene	9.79	104	4653	0.267 ug/L		95
56) Isopropylbenzene	10.17	105	7803	0.276 ug/L		92
58) 1,1,2,2-Tetrachloroethane	10.46	83	1668	0.299 ug/L	#	94
59) 1,2,3-Trichloropropane	10.49	75	1027m	0.244 ug/L		
61) Bromoform	9.96	173	639	0.229 ug/L	#	74
62) 1,3-Dichlorobenzene	11.42	146	3482	0.285 ug/L		95
63) 1,4-Dichlorobenzene	11.51	146	3573	0.293 ug/L		95
65) 1,2-Dichlorobenzene	11.88	146	3232	0.281 ug/L		94
66) 1,2-Dibromo-3-chloropropan	12.65	75	182	0.202 ug/L	#	42
67) 1,3,5-Trichlorobenzene	12.88	180	2701	0.275 ug/L		92
68) 1,2,4-trichlorobenzene	13.51	180	2234	0.268 ug/L	#	91
69) Naphthalene	13.75	128	2451	0.189 ug/L	#	89
70) 1,2,3-Trichlorobenzene	13.99	180	1949	0.256 ug/L		96

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

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