Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081518\
Data File : VU026164.D
Acq On : 15 Aug 2018 22:49
Operator : MD/SY
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
8/16/2018 4:20:26 PM

Quant Time: Aug 16 05:02:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 04:40:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	277808	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	262981	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	112535	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	67647	41.47	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.94%				
7) Chloroethane-d5	1.67	69	59165	44.12	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.24%				
11) 1,1-Dichloroethene-d2	2.27	63	107637	33.60	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.20%				
21) 2-Butanone-d5	4.18	46	130284	104.09	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.09%				
24) Chloroform-d	4.65	84	164227	44.95	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.90%				
26) 1,2-Dichloroethane-d4	5.31	65	113021	47.26	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.52%				
32) Benzene-d6	5.34	84	316454	46.67	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.34%				
36) 1,2-Dichloropropane-d6	6.33	67	106522	47.79	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.58%				
41) Toluene-d8	7.57	98	288291	44.42	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.84%				
43) trans-1,3-Dichloropropene-	7.85	79	48299	45.76	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.52%				
47) 2-Hexanone-d5	8.31	63	90461	99.05	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.05%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	143668	45.79	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.58%				
64) 1,2-Dichlorobenzene-d4	11.86	152	113026	48.26	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.52%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	4668	2.12	ug/L		97
3) Chloromethane	1.33	50	5084	2.54	ug/L		97
5) Vinyl chloride	1.40	62	4751	2.38	ug/L	#	66
6) Bromomethane	1.62	94	2508	2.43	ug/L		89
8) Chloroethane	1.69	64	2873	2.40	ug/L		91
9) Trichlorofluoromethane	1.88	101	6188	2.10	ug/L		96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4693	2.93	ug/L	#	78
12) 1,1-Dichloroethene	2.28	96	4159	2.83	ug/L	#	1
13) Acetone	2.32	43	4973	4.34	ug/L		97
14) Carbon disulfide	2.48	76	11380	2.24	ug/L		98
15) Methyl Acetate	2.62	43	5206	2.62	ug/L		95
16) Methylene chloride	2.70	84	4888	2.49	ug/L		96
17) trans-1,2-Dichloroethene	2.98	96	4001m	2.30	ug/L		
18) Methyl tert-butyl Ether	3.00	73	11769	2.13	ug/L	#	91
19) 1,1-Dichloroethane	3.45	63	8116	2.42	ug/L		96
20) cis-1,2-Dichloroethene	4.23	96	4371	2.24	ug/L		95
22) 2-Butanone	4.27	43	6666m	4.67	ug/L		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	2262	2.14	ug/L		89
25) Chloroform	4.68	83	9959	2.83	ug/L		97
27) 1,2-Dichloroethane	5.41	62	7070	2.48	ug/L		100
29) Cyclohexane	5.00	56	5496m	2.09	ug/L		
30) 1,1,1-Trichloroethane	4.92	97	7396	2.35	ug/L		96
31) Carbon tetrachloride	5.14	117	6508	2.29	ug/L		98
33) Benzene	5.39	78	16807	2.36	ug/L		100
34) Trichloroethene	6.19	95	4085	2.20	ug/L		98
35) Methylcyclohexane	6.42	83	5736	2.06	ug/L		95
37) 1,2-Dichloropropane	6.44	63	4243	2.13	ug/L		99
38) Bromodichloromethane	6.76	83	6304	2.39	ug/L	#	92
39) cis-1,3-Dichloropropene	7.27	75	6136	2.08	ug/L		97
40) 4-Methyl-2-pentanone	7.46	43	10630	4.31	ug/L		95
42) Toluene	7.64	91	17186	2.27	ug/L		97
44) trans-1,3-Dichloropropene	7.88	75	6468	2.27	ug/L		98
45) 1,1,2-Trichloroethane	8.07	97	4026	2.14	ug/L		86
46) Tetrachloroethene	8.23	164	3606	2.25	ug/L		90
48) 2-Hexanone	8.37	43	10281	5.32	ug/L	#	93
49) Dibromochloromethane	8.48	129	5138	2.26	ug/L		98
50) 1,2-Dibromoethane	8.59	107	4507	2.30	ug/L	#	94
51) Chlorobenzene	9.12	112	11339	2.19	ug/L		97
52) Ethylbenzene	9.25	91	16545	2.01	ug/L		94
53) m,p-Xylene	9.38	106	5950	1.87	ug/L		96
54) o-xylene	9.78	106	6326	2.00	ug/L		90
55) Styrene	9.80	104	9067	1.72	ug/L		94
56) Isopropylbenzene	10.17	105	13631	1.68	ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.46	83	7400	2.35	ug/L		96
59) 1,2,3-Trichloropropane	10.49	75	5578	2.28	ug/L		97
61) Bromoform	9.96	173	3760	2.56	ug/L	#	97
62) 1,3-Dichlorobenzene	11.42	146	7020	2.08	ug/L		87
63) 1,4-Dichlorobenzene	11.51	146	7871	2.26	ug/L		97
65) 1,2-Dichlorobenzene	11.88	146	8847	2.45	ug/L		93
66) 1,2-Dibromo-3-chloropropan	12.66	75	1308	2.29	ug/L		91
67) 1,3,5-Trichlorobenzene	12.89	180	5094	2.05	ug/L		98
68) 1,2,4-trichlorobenzene	13.51	180	2951	1.56	ug/L	#	97
69) Naphthalene	13.75	128	7810m	1.45	ug/L		
70) 1,2,3-Trichlorobenzene	13.99	180	3069m	1.52	ug/L		

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

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