Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081518\
Data File : VU026163.D
Acq On : 15 Aug 2018 22:25
Operator : MD/SY
Sample : MDL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
8/16/2018 4:20:25 PM

Quant Time: Aug 16 08:45:25 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	277864	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	261966	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	111860	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	67566	41.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.82%			
7) Chloroethane-d5	1.67	69	58637	43.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.44%			
11) 1,1-Dichloroethene-d2	2.27	63	106003	33.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.16%			
21) 2-Butanone-d5	4.18	46	130116	103.93	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.93%			
24) Chloroform-d	4.65	84	164905	45.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.24%			
26) 1,2-Dichloroethane-d4	5.31	65	112607	47.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.16%			
32) Benzene-d6	5.34	84	318845	47.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.42%			
36) 1,2-Dichloropropane-d6	6.33	67	105693	47.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.20%			
41) Toluene-d8	7.57	98	288966	44.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	7.85	79	47598	45.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.54%			
47) 2-Hexanone-d5	8.31	63	91923	101.04	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.04%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	145191	46.46	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.92%			
64) 1,2-Dichlorobenzene-d4	11.86	152	112939	48.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	4458	2.03	ug/L	97
3) Chloromethane	1.33	50	4742	2.37	ug/L	95
5) Vinyl chloride	1.40	62	4082	2.04	ug/L #	59
6) Bromomethane	1.62	94	2219	2.15	ug/L	99
8) Chloroethane	1.69	64	2518	2.10	ug/L	96
9) Trichlorofluoromethane	1.88	101	5726	1.94	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4162	2.60	ug/L #	76
12) 1,1-Dichloroethene	2.28	96	3657	2.49	ug/L #	1
13) Acetone	2.32	43	4878	4.26	ug/L	89
14) Carbon disulfide	2.48	76	9908	1.95	ug/L	99
15) Methyl Acetate	2.62	43	4768	2.40	ug/L #	78
16) Methylene chloride	2.70	84	4372	2.22	ug/L	90
17) trans-1,2-Dichloroethene	2.98	96	3799	2.18	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	10460	1.89	ug/L	97
19) 1,1-Dichloroethane	3.45	63	6798	2.03	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	3777	1.93	ug/L	96
22) 2-Butanone	4.27	43	5649m	3.96	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	2129m	2.02	ug/L		
25) Chloroform	4.68	83	8688	2.47	ug/L		96
27) 1,2-Dichloroethane	5.41	62	6044	2.12	ug/L	#	90
29) Cyclohexane	5.00	56	4523	1.73	ug/L	#	92
30) 1,1,1-Trichloroethane	4.91	97	6364	2.03	ug/L		99
31) Carbon tetrachloride	5.13	117	5736m	2.02	ug/L		
33) Benzene	5.40	78	15104	2.13	ug/L		100
34) Trichloroethene	6.19	95	3814	2.06	ug/L		88
35) Methylcyclohexane	6.42	83	5140	1.85	ug/L		93
37) 1,2-Dichloropropane	6.44	63	3751	1.89	ug/L		99
38) Bromodichloromethane	6.76	83	5524	2.11	ug/L		98
39) cis-1,3-Dichloropropene	7.27	75	5594	1.90	ug/L		94
40) 4-Methyl-2-pentanone	7.46	43	9825	4.00	ug/L		97
42) Toluene	7.64	91	15003	1.99	ug/L		87
44) trans-1,3-Dichloropropene	7.88	75	5277	1.86	ug/L		99
45) 1,1,2-Trichloroethane	8.07	97	4135	2.20	ug/L		88
46) Tetrachloroethene	8.23	164	3285	2.06	ug/L		89
48) 2-Hexanone	8.37	43	8427	4.38	ug/L		94
49) Dibromochloromethane	8.48	129	4196	1.85	ug/L		90
50) 1,2-Dibromoethane	8.59	107	4061	2.08	ug/L	#	90
51) Chlorobenzene	9.12	112	10017	1.95	ug/L		96
52) Ethylbenzene	9.26	91	14004	1.71	ug/L		100
53) m,p-Xylene	9.38	106	5159	1.63	ug/L		99
54) o-xylene	9.78	106	5139	1.63	ug/L		95
55) Styrene	9.80	104	7442	1.42	ug/L		100
56) Isopropylbenzene	10.17	105	12034	1.49	ug/L		96
58) 1,1,2,2-Tetrachloroethane	10.46	83	7047	2.25	ug/L		97
59) 1,2,3-Trichloropropane	10.50	75	5171m	2.12	ug/L		
61) Bromoform	9.96	173	3125	2.14	ug/L	#	97
62) 1,3-Dichlorobenzene	11.42	146	6252	1.87	ug/L		85
63) 1,4-Dichlorobenzene	11.51	146	7113	2.06	ug/L		98
65) 1,2-Dichlorobenzene	11.88	146	7535	2.10	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.66	75	1155	2.03	ug/L		84
67) 1,3,5-Trichlorobenzene	12.89	180	4164	1.68	ug/L		98
68) 1,2,4-trichlorobenzene	13.51	180	2594	1.38	ug/L		89
69) Naphthalene	13.75	128	7170m	1.34	ug/L		
70) 1,2,3-Trichlorobenzene	13.99	180	2510m	1.25	ug/L		

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

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