Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081518\
Data File : VU026168.D
Acq On : 16 Aug 2018 00:27
Operator : MD/SY
Sample : MDL06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations APPROVED
MMDadoda
8/16/2018 4:20:31 PM

Quant Time: Aug 16 05:07:55 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	277832	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	260633	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	108167	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	66017	40.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.94%			
7) Chloroethane-d5	1.67	69	57161	42.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.24%			
11) 1,1-Dichloroethene-d2	2.27	63	104398	32.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.18%			
21) 2-Butanone-d5	4.18	46	127892	102.17	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.17%			
24) Chloroform-d	4.65	84	159958	43.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.54%			
26) 1,2-Dichloroethane-d4	5.31	65	110394	46.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.32%			
32) Benzene-d6	5.35	84	310712	46.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.48%			
36) 1,2-Dichloropropane-d6	6.33	67	102264	46.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.58%			
41) Toluene-d8	7.57	98	282745	43.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.92%			
43) trans-1,3-Dichloropropene-	7.85	79	45043	43.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.12%			
47) 2-Hexanone-d5	8.31	63	90049	99.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.49%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	142973	45.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.96%			
64) 1,2-Dichlorobenzene-d4	11.86	152	108957	48.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	4605	2.09	ug/L	92
3) Chloromethane	1.33	50	4756	2.37	ug/L	96
5) Vinyl chloride	1.40	62	4037	2.02	ug/L #	54
6) Bromomethane	1.62	94	2388	2.32	ug/L	80
8) Chloroethane	1.69	64	2408	2.01	ug/L #	78
9) Trichlorofluoromethane	1.89	101	6212	2.10	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	4180	2.61	ug/L #	82
12) 1,1-Dichloroethene	2.28	96	3497	2.38	ug/L #	1
13) Acetone	2.32	43	5046	4.40	ug/L	95
14) Carbon disulfide	2.48	76	10500	2.06	ug/L	97
15) Methyl Acetate	2.62	43	5074	2.55	ug/L	96
16) Methylene chloride	2.70	84	4559	2.32	ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	3701	2.12	ug/L	92
18) Methyl tert-butyl Ether	3.00	73	10678	1.93	ug/L	98
19) 1,1-Dichloroethane	3.45	63	7127	2.13	ug/L #	88
20) cis-1,2-Dichloroethene	4.23	96	4004	2.05	ug/L	82
22) 2-Butanone	4.27	43	5231	3.67	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	2397m	2.27 ug/L	
25) Chloroform	4.68	83	8851	2.51 ug/L	96
27) 1,2-Dichloroethane	5.41	62	6546	2.30 ug/L #	91
29) Cyclohexane	5.00	56	4721	1.81 ug/L	97
30) 1,1,1-Trichloroethane	4.92	97	7264	2.33 ug/L #	76
31) Carbon tetrachloride	5.14	117	5870	2.08 ug/L	99
33) Benzene	5.39	78	15860	2.25 ug/L	100
34) Trichloroethene	6.19	95	4357	2.37 ug/L	93
35) Methylcyclohexane	6.42	83	5153	1.87 ug/L	95
37) 1,2-Dichloropropane	6.44	63	4371	2.22 ug/L #	88
38) Bromodichloromethane	6.76	83	5251	2.01 ug/L #	94
39) cis-1,3-Dichloropropene	7.27	75	5869m	2.01 ug/L	
40) 4-Methyl-2-pentanone	7.46	43	10261	4.20 ug/L	93
42) Toluene	7.64	91	15896	2.12 ug/L	88
44) trans-1,3-Dichloropropene	7.89	75	5197	1.84 ug/L	95
45) 1,1,2-Trichloroethane	8.07	97	4003	2.14 ug/L	92
46) Tetrachloroethene	8.23	164	3160	1.99 ug/L	94
48) 2-Hexanone	8.36	43	9412	4.91 ug/L #	89
49) Dibromochloromethane	8.48	129	4709	2.09 ug/L	88
50) 1,2-Dibromoethane	8.59	107	3837	1.98 ug/L #	97
51) Chlorobenzene	9.12	112	11005	2.15 ug/L	97
52) Ethylbenzene	9.25	91	14920	1.83 ug/L	94
53) m,p-Xylene	9.38	106	5902	1.88 ug/L	89
54) o-xylene	9.78	106	5690	1.81 ug/L	95
55) Styrene	9.80	104	8514	1.63 ug/L	89
56) Isopropylbenzene	10.17	105	12640	1.57 ug/L #	95
58) 1,1,2,2-Tetrachloroethane	10.46	83	7198	2.31 ug/L #	95
59) 1,2,3-Trichloropropane	10.50	75	5091	2.10 ug/L	96
61) Bromoform	9.96	173	3361	2.38 ug/L #	94
62) 1,3-Dichlorobenzene	11.42	146	6582	2.03 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	7052	2.11 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	8180	2.36 ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.66	75	1290	2.35 ug/L #	84
67) 1,3,5-Trichlorobenzene	12.89	180	4177	1.74 ug/L	97
68) 1,2,4-trichlorobenzene	13.51	180	2674	1.47 ug/L #	94
69) Naphthalene	13.75	128	6606	1.28 ug/L #	84
70) 1,2,3-Trichlorobenzene	14.00	180	2901	1.49 ug/L	96

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

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