Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052218\
Data File : VU024005.D
Acq On : 22 May 2018 10:13
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 02:48:09 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 02:00:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	299908	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	296605	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	155687	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	104257	37.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.82%			
7) Chloroethane-d5	1.68	69	85440	38.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.82%			
11) 1,1-Dichloroethene-d2	2.27	63	211492	41.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.72%			
21) 2-Butanone-d5	4.18	46	183701	94.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.72%			
24) Chloroform-d	4.65	84	205862	48.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.31	65	137336	49.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.14%			
32) Benzene-d6	5.35	84	404570	46.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.46%			
36) 1,2-Dichloropropane-d6	6.34	67	141235	48.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.58%			
41) Toluene-d8	7.57	98	387071	48.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.04%			
43) trans-1,3-Dichloropropene-	7.85	79	62467	50.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.56%			
47) 2-Hexanone-d5	8.31	63	133180	98.80	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.80%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	200721	48.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.48%			
64) 1,2-Dichlorobenzene-d4	11.86	152	161526	48.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	135665	44.25	ug/L	99
3) Chloromethane	1.33	50	136005	47.68	ug/L	100
5) Vinyl chloride	1.40	62	146747	44.40	ug/L	97
6) Bromomethane	1.63	94	64829	49.21	ug/L	99
8) Chloroethane	1.70	64	92379	44.57	ug/L	100
9) Trichlorofluoromethane	1.89	101	184672	44.74	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	117485	46.63	ug/L	98
12) 1,1-Dichloroethene	2.28	96	102664	45.83	ug/L	85
13) Acetone	2.32	43	234895	120.24	ug/L	98
14) Carbon disulfide	2.48	76	283464	47.48	ug/L	100
15) Methyl Acetate	2.62	43	152509	46.55	ug/L	100
16) Methylene chloride	2.70	84	128020	48.05	ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	109583	49.61	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	357596	50.42	ug/L	98
19) 1,1-Dichloroethane	3.45	63	233247	49.67	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	128958	49.99	ug/L	98
22) 2-Butanone	4.26	43	262464	110.40	ug/L	99

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 02:48:09 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM051218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 22 02:00:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	64198	48.04 ug/L	92
25) Chloroform	4.68	83	239933	50.56 ug/L	97
27) 1,2-Dichloroethane	5.41	62	186838	51.78 ug/L	98
29) Cyclohexane	5.00	56	185299	52.02 ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	184556	49.82 ug/L	98
31) Carbon tetrachloride	5.14	117	157146	49.22 ug/L	100
33) Benzene	5.39	78	502837	51.53 ug/L	100
34) Trichloroethene	6.19	95	123790	49.74 ug/L	98
35) Methylcyclohexane	6.42	83	182571	51.69 ug/L	98
37) 1,2-Dichloropropane	6.44	63	144492	50.04 ug/L	99
38) Bromodichloromethane	6.76	83	175418	51.26 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	199690	52.39 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	411119	101.06 ug/L	98
42) Toluene	7.64	91	526730	51.80 ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	184028	52.43 ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	129471	49.91 ug/L	98
46) Tetrachloroethene	8.23	164	98114	48.22 ug/L	98
48) 2-Hexanone	8.36	43	350490	106.09 ug/L	98
49) Dibromochloromethane	8.48	129	137843	49.98 ug/L	100
50) 1,2-Dibromoethane	8.59	107	129972	49.13 ug/L	99
51) Chlorobenzene	9.12	112	341566	49.51 ug/L	98
52) Ethylbenzene	9.25	91	578370	52.76 ug/L	99
53) m,p-Xylene	9.38	106	218146	52.51 ug/L	96
54) o-xylene	9.78	106	211348	52.36 ug/L	97
55) Styrene	9.80	104	382919	54.26 ug/L	98
56) Isopropylbenzene	10.17	105	557068	52.47 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	227294	48.69 ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	181263	48.37 ug/L	99
61) Bromoform	9.96	173	101523	46.15 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	264232	48.73 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	281832	49.05 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	279355	47.77 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	48689	47.20 ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	222792	49.69 ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	186486	50.78 ug/L	99
69) Naphthalene	13.75	128	550117	52.62 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	201484	51.27 ug/L	99

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

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