Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100918\
Data File : VU027521.D
Acq On : 09 Oct 2018 09:45
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05043

Quant Time: Oct 10 08:22:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 05:21:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	194566	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	179434	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84338	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	68596	44.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.60%			
7) Chloroethane-d5	1.68	69	55389	46.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.92%			
11) 1,1-Dichloroethene-d2	2.28	63	128497	44.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.48%			
21) 2-Butanone-d5	4.18	46	135438	109.57	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.57%			
24) Chloroform-d	4.65	84	124017	50.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.28%			
26) 1,2-Dichloroethane-d4	5.31	65	86213	50.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.46%			
32) Benzene-d6	5.34	84	255043	49.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.33	67	90393	51.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.64%			
41) Toluene-d8	7.57	98	222078	48.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.62%			
43) trans-1,3-Dichloropropene-	7.85	79	38067	44.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.70%			
47) 2-Hexanone-d5	8.31	63	95946	107.85	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.85%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121658	52.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.62%			
64) 1,2-Dichlorobenzene-d4	11.86	152	80496	48.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	98265	50.928	ug/L	100
3) Chloromethane	1.33	50	115563	52.123	ug/L	100
5) Vinyl chloride	1.40	62	110955	51.214	ug/L	98
6) Bromomethane	1.62	94	46288	48.890	ug/L	97
8) Chloroethane	1.70	64	62019	47.767	ug/L	100
9) Trichlorofluoromethane	1.89	101	114130	52.628	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	61225	47.555	ug/L	100
12) 1,1-Dichloroethene	2.29	96	57537	45.780	ug/L	96
13) Acetone	2.32	43	92654	91.388	ug/L	99
14) Carbon disulfide	2.48	76	203143	44.002	ug/L	99
15) Methyl Acetate	2.62	43	106595	52.468	ug/L	98
16) Methylene chloride	2.70	84	73976	48.462	ug/L	93
17) trans-1,2-Dichloroethene	2.98	96	62976	45.249	ug/L	91
18) Methyl tert-butyl Ether	3.00	73	233536	50.467	ug/L	99
19) 1,1-Dichloroethane	3.45	63	146462	50.964	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	76783	49.733	ug/L	97
22) 2-Butanone	4.26	43	149270	102.853	ug/L	99

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Instrument : MSVOA_U
ClientSampleId : VSTD05043

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 05:21:41 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	36438	51.753	ug/L	94
25) Chloroform	4.67	83	145588	52.442	ug/L	100
27) 1,2-Dichloroethane	5.41	62	117752	52.814	ug/L	99
29) Cyclohexane	5.00	56	142627	52.405	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	115327	53.718	ug/L	99
31) Carbon tetrachloride	5.14	117	97159	53.805	ug/L	100
33) Benzene	5.39	78	313214	53.119	ug/L	100
34) Trichloroethene	6.19	95	71321	50.295	ug/L	99
35) Methylcyclohexane	6.42	83	124390	50.486	ug/L	98
37) 1,2-Dichloropropane	6.43	63	92875	54.366	ug/L	100
38) Bromodichloromethane	6.76	83	104243	53.698	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	122548	48.820	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	282035	112.741	ug/L	98
42) Toluene	7.64	91	308049	52.068	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	112426	48.251	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	72711	53.021	ug/L	99
46) Tetrachloroethene	8.23	164	52772	50.073	ug/L	95
48) 2-Hexanone	8.36	43	219939	111.342	ug/L	98
49) Dibromochloromethane	8.48	129	76702	53.640	ug/L	97
50) 1,2-Dibromoethane	8.59	107	74803	51.415	ug/L	99
51) Chlorobenzene	9.12	112	187517	50.134	ug/L	99
52) Ethylbenzene	9.25	91	336884	51.283	ug/L	99
53) m,p-Xylene	9.38	106	122315	50.871	ug/L	97
54) o-xylene	9.78	106	122558	52.911	ug/L	99
55) Styrene	9.79	104	208685	52.611	ug/L	98
56) Isopropylbenzene	10.17	105	319447	52.625	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	130658	54.378	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	106148	54.882	ug/L	99
61) Bromoform	9.96	173	53783	56.124	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	133637	50.912	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	137239	50.124	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	141006	52.771	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	28304	57.141	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	97100	47.880	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	86016	46.122	ug/L	98
69) Naphthalene	13.74	128	308908	53.717	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	91541	48.268	ug/L	98

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

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