Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082318\
Data File : VV007129.D
Acq On : 23 Aug 2018 09:35
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05061

Quant Time: Aug 24 01:18:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 23 10:48:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	611044	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	567227	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	273467	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	186118	48.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.94%			
7) Chloroethane-d5	1.57	69	112933	45.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.46%			
11) 1,1-Dichloroethene-d2	2.13	63	352656	49.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.20%			
21) 2-Butanone-d5	3.96	46	294357	90.07	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.07%			
24) Chloroform-d	4.40	84	412808	50.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.50%			
26) 1,2-Dichloroethane-d4	5.09	65	250685	50.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.66%			
32) Benzene-d6	5.10	84	832662	52.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.64%			
36) 1,2-Dichloropropane-d6	6.12	67	270296	51.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.66%			
41) Toluene-d8	7.36	98	745802	53.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.54%			
43) trans-1,3-Dichloropropene-	7.67	79	103446	46.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.66%			
47) 2-Hexanone-d5	8.14	63	175314	94.54	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.54%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	365809	48.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.44%			
64) 1,2-Dichlorobenzene-d4	11.68	152	283772	51.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	264784	47.42	ug/L	100
3) Chloromethane	1.25	50	307477	43.50	ug/L	100
5) Vinyl chloride	1.32	62	272745	47.00	ug/L	99
6) Bromomethane	1.52	94	74051	53.66	ug/L	100
8) Chloroethane	1.58	64	153497	48.65	ug/L	98
9) Trichlorofluoromethane	1.76	101	345566	49.52	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	211749	49.72	ug/L	99
12) 1,1-Dichloroethene	2.14	96	197074	48.45	ug/L	100
13) Acetone	2.20	43	175343	68.39	ug/L	99
14) Carbon disulfide	2.31	76	603599	48.64	ug/L	100
15) Methyl Acetate	2.47	43	209003	44.87	ug/L	100
16) Methylene chloride	2.54	84	222023	47.49	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	214459	48.62	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	634046	46.84	ug/L	99
19) 1,1-Dichloroethane	3.23	63	442218	48.71	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	248802	48.53	ug/L	97
22) 2-Butanone	4.04	43	333372	82.31	ug/L	99

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Instrument : MSVOA_V
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Quant Title : VOC Analysis
QLast Update : Thu Aug 23 10:48:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	127861	48.51	ug/L	98
25) Chloroform	4.43	83	432130	48.55	ug/L	97
27) 1,2-Dichloroethane	5.19	62	325156	48.15	ug/L	100
29) Cyclohexane	4.72	56	366110	51.34	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	363523	50.58	ug/L	99
31) Carbon tetrachloride	4.87	117	313510	51.79	ug/L	99
33) Benzene	5.15	78	998454	51.38	ug/L	100
34) Trichloroethene	5.96	95	228124	49.54	ug/L	99
35) Methylcyclohexane	6.18	83	384104	52.42	ug/L	97
37) 1,2-Dichloropropane	6.22	63	259889	50.41	ug/L	100
38) Bromodichloromethane	6.56	83	311279	50.16	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	324824	46.63	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	596466	94.77	ug/L	100
42) Toluene	7.43	91	985100	52.59	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	298098	45.93	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	239742	49.53	ug/L	99
46) Tetrachloroethene	8.02	164	190392	50.71	ug/L	98
48) 2-Hexanone	8.20	43	469691	92.13	ug/L	99
49) Dibromochloromethane	8.30	129	243613	50.27	ug/L	98
50) 1,2-Dibromoethane	8.40	107	233726	48.94	ug/L	98
51) Chlorobenzene	8.93	112	612816	49.38	ug/L	100
52) Ethylbenzene	9.06	91	974607	51.34	ug/L	99
53) m,p-Xylene	9.19	106	378186	52.13	ug/L	98
54) o-xylene	9.59	106	370467	52.49	ug/L	99
55) Styrene	9.61	104	656677	53.88	ug/L	100
56) Isopropylbenzene	9.98	105	936802	52.64	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	391669	46.63	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	308831	46.10	ug/L	99
61) Bromoform	9.78	173	176983	47.69	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	433573	48.82	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	465551	49.51	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	492959	50.51	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	65843	47.53	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	319707	52.89	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	225817	55.04	ug/L	100
69) Naphthalene	13.56	128	557859	49.89	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	255629	56.95	ug/L	100

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

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