Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090518\
Data File : VV007384.D
Acq On : 05 Sep 2018 15:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 06 01:42:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 00:43:59 2018
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : VSTD05068

Manual Integrations APPROVED
MMDadoda
9/6/2018 10:53:56 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	512789	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	515103	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	261921	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	194711	53.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.32%			
7) Chloroethane-d5	1.56	69	141539	58.99	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.98%			
11) 1,1-Dichloroethene-d2	2.13	63	326784	50.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.30%			
21) 2-Butanone-d5	3.95	46	253252	85.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.00%			
24) Chloroform-d	4.40	84	381956	50.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.82%			
26) 1,2-Dichloroethane-d4	5.09	65	232453	50.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.72%			
32) Benzene-d6	5.10	84	769040	49.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.08%			
36) 1,2-Dichloropropane-d6	6.12	67	250212	48.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.18%			
41) Toluene-d8	7.36	98	719537	53.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.68%			
43) trans-1,3-Dichloropropene-	7.67	79	104386	47.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.20%			
47) 2-Hexanone-d5	8.14	63	186047	91.22	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.22%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	365744	51.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.94%			
64) 1,2-Dichlorobenzene-d4	11.68	152	290082	51.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	217723m	53.50	ug/L	
3) Chloromethane	1.26	50	250680	58.07	ug/L	99
5) Vinyl chloride	1.32	62	224879	51.38	ug/L	100
6) Bromomethane	1.51	94	88927	42.16	ug/L	99
8) Chloroethane	1.58	64	121339	54.02	ug/L	98
9) Trichlorofluoromethane	1.76	101	281555	50.82	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	169706	49.33	ug/L	99
12) 1,1-Dichloroethene	2.14	96	160448	49.47	ug/L	97
13) Acetone	2.19	43	158908	89.57	ug/L	98
14) Carbon disulfide	2.31	76	451603	49.14	ug/L	100
15) Methyl Acetate	2.46	43	182695	47.27	ug/L	98
16) Methylene chloride	2.53	84	190641	49.43	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	172385	48.73	ug/L	100
18) Methyl tert-butyl Ether	2.81	73	547660	49.43	ug/L	99
19) 1,1-Dichloroethane	3.23	63	336354	45.91	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	199192	48.93	ug/L	97
22) 2-Butanone	4.04	43	305194	102.71	ug/L	97

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Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	105223	49.40	ug/L	98
25) Chloroform	4.43	83	360857	50.04	ug/L	100
27) 1,2-Dichloroethane	5.18	62	268828	49.78	ug/L	98
29) Cyclohexane	4.72	56	272054	47.64	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	296532	47.14	ug/L	99
31) Carbon tetrachloride	4.87	117	257392	47.27	ug/L	100
33) Benzene	5.15	78	811957	49.28	ug/L	100
34) Trichloroethene	5.96	95	187280	46.56	ug/L	100
35) Methylcyclohexane	6.18	83	295793	49.32	ug/L	100
37) 1,2-Dichloropropane	6.22	63	212636	46.96	ug/L	99
38) Bromodichloromethane	6.56	83	263576	47.67	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	273399	44.97	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	536239	102.52	ug/L	100
42) Toluene	7.43	91	834020	52.62	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	263930	46.42	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	207204	48.48	ug/L	100
46) Tetrachloroethene	8.02	164	159591	49.34	ug/L	97
48) 2-Hexanone	8.19	43	448965	110.06	ug/L	96
49) Dibromochloromethane	8.30	129	214185	48.86	ug/L	100
50) 1,2-Dibromoethane	8.40	107	203324	48.71	ug/L	97
51) Chlorobenzene	8.93	112	539120	50.37	ug/L	99
52) Ethylbenzene	9.06	91	846909	52.69	ug/L	99
53) m,p-Xylene	9.19	106	332613	54.05	ug/L	99
54) o-xylene	9.59	106	320640	53.58	ug/L	100
55) Styrene	9.61	104	606046	58.47	ug/L	100
56) Isopropylbenzene	9.98	105	821408	54.27	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	350426	51.84	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	281916	52.35	ug/L	99
61) Bromoform	9.78	173	162141	45.46	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	393526	49.46	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	438010	51.33	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	457950	51.48	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	67229	44.58	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	305331	50.01	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	232588	49.17	ug/L	98
69) Naphthalene	13.56	128	649162	47.55	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	269748	51.61	ug/L	98

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

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