Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032519\
Data File : VV009861.D
Acq On : 25 Mar 2019 14:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05088

Quant Time: Mar 26 07:09:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:03:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165736	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	179091	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85915	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	83742	49.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.96%			
7) Chloroethane-d5	1.56	69	92436	48.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.08%			
11) 1,1-Dichloroethene-d2	2.13	63	233322	46.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.54%			
21) 2-Butanone-d5	3.93	46	80380	106.42	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.42%			
24) Chloroform-d	4.40	84	120485	51.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.40%			
26) 1,2-Dichloroethane-d4	5.08	65	77653	49.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.74%			
32) Benzene-d6	5.10	84	233825	48.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.12	67	72421	48.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.58%			
41) Toluene-d8	7.36	98	230543	48.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.86%			
43) trans-1,3-Dichloropropene-	7.66	79	33376	48.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.44%			
47) 2-Hexanone-d5	8.13	63	59979	97.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.58%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	115960	47.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.30%			
64) 1,2-Dichlorobenzene-d4	11.67	152	92106	46.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	72201	49.807	ug/L	100
3) Chloromethane	1.25	50	73912	47.816	ug/L	100
5) Vinyl chloride	1.32	62	103386	48.336	ug/L	97
6) Bromomethane	1.51	94	85670	47.078	ug/L	95
8) Chloroethane	1.58	64	81613	47.612	ug/L	98
9) Trichlorofluoromethane	1.76	101	221611	47.798	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	125869	49.474	ug/L	99
12) 1,1-Dichloroethene	2.14	96	109206	48.512	ug/L	89
13) Acetone	2.19	43	90710	100.848	ug/L	100
14) Carbon disulfide	2.32	76	140493	47.359	ug/L	100
15) Methyl Acetate	2.46	43	60453	52.280	ug/L	96
16) Methylene chloride	2.54	84	62298	48.698	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	56844	48.562	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	189040	53.375	ug/L	98
19) 1,1-Dichloroethane	3.23	63	109463	50.501	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	68832	52.378	ug/L	91
22) 2-Butanone	4.02	43	97562	108.997	ug/L	98

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ClientSampleId : VSTD05088

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:03:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	32899	50.191	ug/L	94
25) Chloroform	4.43	83	115636	49.244	ug/L	98
27) 1,2-Dichloroethane	5.18	62	94978	49.643	ug/L	100
29) Cyclohexane	4.72	56	96327	49.079	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	92358	46.566	ug/L	94
31) Carbon tetrachloride	4.88	117	81235	47.403	ug/L	97
33) Benzene	5.15	78	248597	47.547	ug/L	100
34) Trichloroethene	5.96	95	61630	47.296	ug/L	97
35) Methylcyclohexane	6.18	83	103967	47.889	ug/L	97
37) 1,2-Dichloropropane	6.22	63	64656	48.049	ug/L	99
38) Bromodichloromethane	6.56	83	83189	49.219	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	100018	51.655	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	186598	101.325	ug/L	99
42) Toluene	7.43	91	282573	47.257	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	89729	49.857	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	64438	48.880	ug/L	98
46) Tetrachloroethene	8.02	164	52030	49.359	ug/L	99
48) 2-Hexanone	8.19	43	148576	106.411	ug/L	99
49) Dibromochloromethane	8.29	129	66566	48.353	ug/L	95
50) 1,2-Dibromoethane	8.40	107	71658	51.139	ug/L	94
51) Chlorobenzene	8.93	112	189582	47.861	ug/L	99
52) Ethylbenzene	9.06	91	319661	47.541	ug/L	100
53) m,p-Xylene	9.18	106	123624	47.179	ug/L	97
54) o-xylene	9.59	106	125968	47.047	ug/L	99
55) Styrene	9.60	104	212700	47.912	ug/L	98
56) Isopropylbenzene	9.98	105	323260	47.451	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	118919	49.167	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	87374	48.145	ug/L	100
61) Bromoform	9.78	173	44440	46.605	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	141206	47.981	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	142941	46.325	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	146121	46.998	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	17409	43.895	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	99194	49.402	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	78229	48.899	ug/L	99
69) Naphthalene	13.55	128	215776	51.286	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	82788	51.155	ug/L	99

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

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