Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110920\
Data File : VV019310.D
Acq On : 09 Nov 2020 18:46
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD050316

Quant Time: Nov 10 07:08:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 10 06:58:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	247540	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	242292	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	132676	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	77018	40.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.64%			
7) Chloroethane-d5	1.58	69	69568	46.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.94%			
11) 1,1-Dichloroethene-d2	2.12	63	166175	46.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.96%			
21) 2-Butanone-d5	3.92	46	134453	127.64	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 127.64%			
24) Chloroform-d	4.38	84	174345	48.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.52%			
26) 1,2-Dichloroethane-d4	5.06	65	120593	48.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.82%			
32) Benzene-d6	5.07	84	309896	46.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.64%			
36) 1,2-Dichloropropane-d6	6.09	67	100879	50.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.00%			
41) Toluene-d8	7.34	98	284661	45.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.36%			
43) trans-1,3-Dichloropropene-	7.64	79	53771	47.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.08%			
47) 2-Hexanone-d5	8.11	63	90021	116.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.09%			
56) 1,1,2,2-Tetrachloroethane-	10.23	84	141573	53.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.38%			
66) 1,2-Dichlorobenzene-d4	11.65	152	121094	45.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	70042	46.186	ug/L	99
3) Chloromethane	1.25	50	87877	55.650	ug/L	99
5) Vinyl chloride	1.32	62	91811	55.856	ug/L	98
6) Bromomethane	1.53	94	61006	55.225	ug/L	98
8) Chloroethane	1.60	64	62928	58.537	ug/L	98
9) Trichlorofluoromethane	1.77	101	146426	53.810	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	75906	58.707	ug/L	96
12) 1,1-Dichloroethene	2.13	96	74071	55.428	ug/L	98
13) Acetone	2.20	43	100606	125.590	ug/L	99
14) Carbon disulfide	2.31	76	191591	49.929	ug/L	99
15) Methyl Acetate	2.45	43	92130	59.356	ug/L	98
16) Methylene chloride	2.52	84	87084	54.819	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	75863	52.329	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	272163	53.408	ug/L	98
19) 1,1-Dichloroethane	3.21	63	157479	55.442	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	86279	53.854	ug/L	98
22) 2-Butanone	4.00	43	129037	126.900	ug/L	96

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	46095	52.255 ug/L	94
25) Chloroform	4.40	83	165106	54.217 ug/L	100
27) 1,2-Dichloroethane	5.15	62	138451	53.485 ug/L	98
29) Cyclohexane	4.70	56	114319	55.134 ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	145727	51.860 ug/L	98
31) Carbon tetrachloride	4.85	117	126068	51.959 ug/L	98
33) Benzene	5.13	78	330809	54.939 ug/L	100
34) Trichloroethene	5.94	95	88190	53.894 ug/L	99
35) Methylcyclohexane	6.15	83	108732	54.898 ug/L	98
37) 1,2-Dichloropropane	6.20	63	90693	56.436 ug/L	97
38) Bromodichloromethane	6.53	83	126051	54.504 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	139330	54.186 ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	259974	120.423 ug/L	99
42) Toluene	7.41	91	352473	54.155 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	143172	54.336 ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	86272	54.315 ug/L	96
46) Tetrachloroethene	7.99	164	67336	50.432 ug/L	98
48) 2-Hexanone	8.16	43	204067	125.030 ug/L	99
49) Dibromochloromethane	8.27	129	99415	52.482 ug/L	98
50) 1,2-Dibromoethane	8.37	107	89100	54.119 ug/L	96
51) Chlorobenzene	8.90	112	230549	52.955 ug/L	99
52) Ethylbenzene	9.03	91	382390	53.251 ug/L	99
53) m,p-Xylene	9.16	106	142707	53.083 ug/L	99
54) o-Xylene	9.56	106	140957	53.193 ug/L	97
55) Styrene	9.58	104	258706	54.847 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.26	83	131049	54.536 ug/L	99
59) Bromoform	9.75	173	75224	51.085 ug/L	98
60) Isopropylbenzene	9.95	105	374033	53.790 ug/L	99
61) 1,2,3-Trichloropropane	10.29	75	111309	54.001 ug/L	98
62) 1,3,5-Trimethylbenzene	10.56	105	309816	53.494 ug/L	99
63) 1,2,4-Trimethylbenzene	10.94	105	302807	53.433 ug/L	99
64) 1,3-Dichlorobenzene	11.20	146	189361	52.061 ug/L	98
65) 1,4-Dichlorobenzene	11.29	146	194802	51.767 ug/L	99
67) 1,2-Dichlorobenzene	11.67	146	193725	52.061 ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.45	75	32397	53.875 ug/L	97
69) 1,3,5-Trichlorobenzene	12.67	180	134485	51.515 ug/L	97
70) 1,2,4-trichlorobenzene	13.28	180	124875	50.836 ug/L	99
71) Naphthalene	13.52	128	372660	53.792 ug/L	100
72) 1,2,3-Trichlorobenzene	13.76	180	131484	53.996 ug/L	98

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

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