Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082119\
Data File : VV012321.D
Acq On : 21 Aug 2019 18:18
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05076

Quant Time: Aug 22 03:43:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 03:36:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	243464	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	227813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	122727	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	51128	44.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.72%			
7) Chloroethane-d5	1.58	69	37256	45.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.16%			
11) 1,1-Dichloroethene-d2	2.13	63	102871	45.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.66%			
21) 2-Butanone-d5	3.92	46	82706	92.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.05%			
24) Chloroform-d	4.40	84	151834	46.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.68%			
26) 1,2-Dichloroethane-d4	5.08	65	104063	46.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.12%			
32) Benzene-d6	5.10	84	277750	45.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.44%			
36) 1,2-Dichloropropane-d6	6.12	67	75631	46.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.08%			
41) Toluene-d8	7.36	98	272676	46.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.10%			
43) trans-1,3-Dichloropropene-	7.66	79	46934	46.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.78%			
47) 2-Hexanone-d5	8.13	63	64785	95.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.55%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	107826	46.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.16%			
64) 1,2-Dichlorobenzene-d4	11.67	152	122493	45.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	94296	45.213	ug/L	100
3) Chloromethane	1.25	50	54213	45.604	ug/L	97
5) Vinyl chloride	1.32	62	54371	46.239	ug/L	97
6) Bromomethane	1.52	94	29594	48.276	ug/L	95
8) Chloroethane	1.59	64	30633	46.047	ug/L	99
9) Trichlorofluoromethane	1.77	101	111572	47.165	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	50295	46.921	ug/L	99
12) 1,1-Dichloroethene	2.14	96	46296	47.274	ug/L	87
13) Acetone	2.18	43	54585	80.957	ug/L	97
14) Carbon disulfide	2.32	76	173137	46.956	ug/L	100
15) Methyl Acetate	2.45	43	59001	46.635	ug/L	99
16) Methylene chloride	2.53	84	69118	46.324	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	69917	47.178	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	237948	48.466	ug/L	99
19) 1,1-Dichloroethane	3.23	63	117957	47.401	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	79622	48.281	ug/L	99
22) 2-Butanone	4.01	43	89844	92.859	ug/L	99

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Quant Title : VOC Analysis
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	43821	48.025 ug/L	92
25) Chloroform	4.42	83	145101	47.231 ug/L	99
27) 1,2-Dichloroethane	5.18	62	120464	48.240 ug/L	100
29) Cyclohexane	4.72	56	96268	46.416 ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	138567	47.251 ug/L	98
31) Carbon tetrachloride	4.87	117	130459	47.356 ug/L	99
33) Benzene	5.14	78	275254	47.934 ug/L	100
34) Trichloroethene	5.96	95	79222	47.103 ug/L	99
35) Methylcyclohexane	6.18	83	118176	46.469 ug/L	97
37) 1,2-Dichloropropane	6.22	63	61446	47.202 ug/L	100
38) Bromodichloromethane	6.55	83	109506	48.061 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	115961	47.986 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	172117	98.336 ug/L	99
42) Toluene	7.43	91	309204	47.736 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	112609	48.893 ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	72307	48.048 ug/L	96
46) Tetrachloroethene	8.02	164	74100	46.041 ug/L	98
48) 2-Hexanone	8.18	43	135202	102.318 ug/L	98
49) Dibromochloromethane	8.29	129	97811	48.064 ug/L	99
50) 1,2-Dibromoethane	8.40	107	80254	48.053 ug/L	99
51) Chlorobenzene	8.92	112	208735	46.550 ug/L	99
52) Ethylbenzene	9.05	91	355016	47.422 ug/L	99
53) m,p-Xylene	9.18	106	137593	47.357 ug/L	99
54) o-xylene	9.59	106	137700	48.285 ug/L	100
55) Styrene	9.60	104	230035	48.170 ug/L	99
56) Isopropylbenzene	9.97	105	369111	47.774 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	103946	47.534 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	87713	47.285 ug/L	99
61) Bromoform	9.77	173	76589	47.272 ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	179730	47.037 ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	182386	47.301 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	183383	47.428 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	27730	49.298 ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	146409	48.339 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	119233	50.314 ug/L	100
69) Naphthalene	13.55	128	333419	52.372 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	123845	51.043 ug/L	99

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

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