Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091120\
Data File : VV018198.D
Acq On : 11 Sep 2020 16:29
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05099

Quant Time: Sep 12 01:30:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 12 01:23:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	295811	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	292971	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162238	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	99887	41.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.86%			
7) Chloroethane-d5	1.58	69	87843	44.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.06%			
11) 1,1-Dichloroethene-d2	2.13	63	199416	45.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.20%			
21) 2-Butanone-d5	3.91	46	149397	101.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.25%			
24) Chloroform-d	4.38	84	198058	47.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.70%			
26) 1,2-Dichloroethane-d4	5.06	65	128458	47.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.82%			
32) Benzene-d6	5.08	84	393356	46.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.09	67	126750	47.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.12%			
41) Toluene-d8	7.34	98	361908	47.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.70%			
43) trans-1,3-Dichloropropene-	7.64	79	64428	47.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.16%			
47) 2-Hexanone-d5	8.11	63	104181	103.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.21%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	166691	49.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.68%			
64) 1,2-Dichlorobenzene-d4	11.65	152	155729	46.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	105978	49.132	ug/L	98
3) Chloromethane	1.25	50	119073	50.554	ug/L	99
5) Vinyl chloride	1.32	62	121333	50.235	ug/L	100
6) Bromomethane	1.53	94	74296	50.327	ug/L	97
8) Chloroethane	1.60	64	77242	51.052	ug/L	99
9) Trichlorofluoromethane	1.77	101	166387	50.069	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	101040	50.618	ug/L	100
12) 1,1-Dichloroethene	2.14	96	96997	49.940	ug/L	94
13) Acetone	2.19	43	164486	139.210	ug/L	99
14) Carbon disulfide	2.31	76	291877	49.110	ug/L	100
15) Methyl Acetate	2.45	43	108523	51.108	ug/L	100
16) Methylene chloride	2.53	84	112668	51.723	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	101896	50.905	ug/L	100
18) Methyl tert-butyl Ether	2.79	73	323199	52.197	ug/L	100
19) 1,1-Dichloroethane	3.21	63	194938	51.508	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	111717	52.210	ug/L	98
22) 2-Butanone	4.00	43	182804	130.654	ug/L	97

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Quant Title : VOC Analysis
QLast Update : Sat Sep 12 01:23:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	57883	51.703 ug/L	97
25) Chloroform	4.40	83	198705	51.652 ug/L	99
27) 1,2-Dichloroethane	5.16	62	155148	52.095 ug/L	99
29) Cyclohexane	4.70	56	172521	50.996 ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	169450	49.838 ug/L	100
31) Carbon tetrachloride	4.86	117	147441	49.317 ug/L	98
33) Benzene	5.13	78	430440	51.387 ug/L	100
34) Trichloroethene	5.94	95	114742	50.285 ug/L	99
35) Methylcyclohexane	6.15	83	172411	50.183 ug/L	99
37) 1,2-Dichloropropane	6.20	63	113598	51.178 ug/L	99
38) Bromodichloromethane	6.53	83	146608	50.756 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	177935	52.028 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	285064	105.862 ug/L	99
42) Toluene	7.41	91	463278	52.262 ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	173991	52.252 ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	106841	51.932 ug/L	99
46) Tetrachloroethene	8.00	164	91534	51.161 ug/L	99
48) 2-Hexanone	8.16	43	248924	117.254 ug/L	99
49) Dibromochloromethane	8.27	129	117382	50.830 ug/L	100
50) 1,2-Dibromoethane	8.37	107	113598	52.464 ug/L	98
51) Chlorobenzene	8.90	112	297021	51.594 ug/L	99
52) Ethylbenzene	9.03	91	511333	52.835 ug/L	99
53) m,p-Xylene	9.16	106	192505	53.292 ug/L	99
54) o-xylene	9.56	106	187482	53.873 ug/L	100
55) Styrene	9.58	104	331842	54.861 ug/L	100
56) Isopropylbenzene	9.95	105	500319	53.344 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	160350	52.690 ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	136050	52.112 ug/L	99
61) Bromoform	9.75	173	84739	48.620 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	251598	52.153 ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	260125	52.458 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	250798	51.433 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	35152	51.085 ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	196095	51.560 ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	179324	52.948 ug/L	99
69) Naphthalene	13.52	128	503696	58.777 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	177568	53.232 ug/L	99

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

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