Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060820\
Data File : VV016696.D
Acq On : 09 Jun 2020 06:04
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

Manual Integrations APPROVED
MMDadoda
6/10/2020 3:22:20 PM

Quant Time: Jun 09 06:31:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 03:29:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	359781	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	343236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	182170	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	120676	47.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.06%			
7) Chloroethane-d5	1.56	69	79074	51.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.82%			
11) 1,1-Dichloroethene-d2	2.12	63	202768	47.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.12%			
21) 2-Butanone-d5	3.89	46	195995	104.31	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.31%			
24) Chloroform-d	4.37	84	257686	49.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.84%			
26) 1,2-Dichloroethane-d4	5.05	65	173524	49.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.84%			
32) Benzene-d6	5.07	84	485245	49.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.08%			
36) 1,2-Dichloropropane-d6	6.09	67	151608	49.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.32%			
41) Toluene-d8	7.34	98	449090	49.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.92%			
43) trans-1,3-Dichloropropene-	7.64	79	75043	46.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.44%			
47) 2-Hexanone-d5	8.11	63	146604	109.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.03%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	209994	51.43	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.86%			
64) 1,2-Dichlorobenzene-d4	11.65	152	192353	49.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	141689	49.674	ug/L	99
3) Chloromethane	1.25	50	137187	52.592	ug/L	97
5) Vinyl chloride	1.32	62	128507	50.097	ug/L	99
6) Bromomethane	1.51	94	40842	38.229	ug/L	98
8) Chloroethane	1.58	64	67338	53.143	ug/L	100
9) Trichlorofluoromethane	1.75	101	189518	49.370	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	90976	47.561	ug/L	100
12) 1,1-Dichloroethene	2.13	96	85280	47.758	ug/L	98
13) Acetone	2.17	43	108174	87.377	ug/L	99
14) Carbon disulfide	2.30	76	319252	49.379	ug/L	99
15) Methyl Acetate	2.44	43	147748	53.544	ug/L	100
16) Methylene chloride	2.52	84	129940	49.589	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	118652	48.734	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	409079	50.708	ug/L	99
19) 1,1-Dichloroethane	3.21	63	228569	49.874	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	142988m	53.870	ug/L	
22) 2-Butanone	3.98	43	196914	103.144	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	4.27	128	69348	49.597 ug/L	97
25) Chloroform	4.40	83	238442	50.626 ug/L	98
27) 1,2-Dichloroethane	5.15	62	202170	51.205 ug/L	98
29) Cyclohexane	4.70	56	205321	48.138 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	216744	49.516 ug/L	99
31) Carbon tetrachloride	4.85	117	187774	49.587 ug/L	98
33) Benzene	5.12	78	495831	48.825 ug/L	100
34) Trichloroethene	5.94	95	129700	47.620 ug/L	98
35) Methylcyclohexane	6.15	83	200740	46.981 ug/L	99
37) 1,2-Dichloropropane	6.20	63	132269	50.083 ug/L	99
38) Bromodichloromethane	6.53	83	175045	49.790 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	197023	48.027 ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	395954	105.804 ug/L	100
42) Toluene	7.41	91	526294	49.160 ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	191204	47.941 ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	126615	49.693 ug/L	99
46) Tetrachloroethene	8.00	164	102985	48.077 ug/L	99
48) 2-Hexanone	8.16	43	308351	106.267 ug/L	99
49) Dibromochloromethane	8.27	129	136641	50.156 ug/L	100
50) 1,2-Dibromoethane	8.37	107	132427	49.631 ug/L	100
51) Chlorobenzene	8.90	112	341501	48.893 ug/L	100
52) Ethylbenzene	9.03	91	596207	50.279 ug/L	100
53) m,p-Xylene	9.16	106	224469	50.841 ug/L	98
54) o-xylene	9.57	106	218531	50.186 ug/L	97
55) Styrene	9.58	104	377159	51.231 ug/L	98
56) Isopropylbenzene	9.95	105	580770	49.638 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	203469	52.084 ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	165537	50.519 ug/L	100
61) Bromoform	9.75	173	94830	50.609 ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	287455	49.819 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	288953	49.220 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	291847	50.473 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	47693	52.455 ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	209843	48.772 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	193938	49.142 ug/L	99
69) Naphthalene	13.53	128	597936	52.672 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	192100	49.748 ug/L	99

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

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