Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060920\
Data File : VV016746.D
Acq On : 10 Jun 2020 02:44
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05077

Manual Integrations APPROVED
MMDadoda
6/10/2020 3:52:51 PM

Quant Time: Jun 10 06:06:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 03:42:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342476	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325148	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174659	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	93826	38.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.66%			
7) Chloroethane-d5	1.56	69	68571	47.29	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.58%			
11) 1,1-Dichloroethene-d2	2.12	63	179468	44.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.46%			
21) 2-Butanone-d5	3.89	46	177088	99.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.01%			
24) Chloroform-d	4.37	84	230601	46.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.86%			
26) 1,2-Dichloroethane-d4	5.05	65	162957	48.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.52%			
32) Benzene-d6	5.07	84	431302	46.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.04%			
36) 1,2-Dichloropropane-d6	6.09	67	139098	47.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.22%			
41) Toluene-d8	7.34	98	392923	45.68	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.36%			
43) trans-1,3-Dichloropropene-	7.64	79	67380	44.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.56%			
47) 2-Hexanone-d5	8.11	63	129689	101.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.82%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	192331	49.73	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.46%			
64) 1,2-Dichlorobenzene-d4	11.65	152	172689	46.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	130482	48.056	ug/L	99
3) Chloromethane	1.25	50	126784	51.060	ug/L	100
5) Vinyl chloride	1.32	62	114160	46.753	ug/L	99
6) Bromomethane	1.51	94	40572	39.895	ug/L	95
8) Chloroethane	1.58	64	62252	51.612	ug/L	99
9) Trichlorofluoromethane	1.75	101	175769	48.102	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	83701	45.968	ug/L	99
12) 1,1-Dichloroethene	2.13	96	80009	47.070	ug/L	98
13) Acetone	2.17	43	104326	88.527	ug/L	98
14) Carbon disulfide	2.30	76	283781	46.111	ug/L	100
15) Methyl Acetate	2.44	43	126654	48.219	ug/L	99
16) Methylene chloride	2.52	84	118838	47.644	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	108969	47.018	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	372788	48.544	ug/L	99
19) 1,1-Dichloroethane	3.21	63	208257	47.738	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	123704m	48.960	ug/L	
22) 2-Butanone	3.98	43	175889	96.787	ug/L	96

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Quant Title : VOC Analysis
QLast Update : Wed Jun 10 03:42:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	66512	49.972 ug/L	97
25) Chloroform	4.40	83	222888	49.715 ug/L	97
27) 1,2-Dichloroethane	5.15	62	186500	49.623 ug/L	96
29) Cyclohexane	4.70	56	186328	46.115 ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	202908	48.934 ug/L	99
31) Carbon tetrachloride	4.85	117	176525	49.210 ug/L	97
33) Benzene	5.12	78	458106	47.619 ug/L	100
34) Trichloroethene	5.94	95	122163	47.348 ug/L	100
35) Methylcyclohexane	6.15	83	182369	45.056 ug/L	98
37) 1,2-Dichloropropane	6.20	63	119612	47.810 ug/L	100
38) Bromodichloromethane	6.53	83	160638	48.234 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	182050	46.846 ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	350651	98.911 ug/L	100
42) Toluene	7.41	91	486944	48.015 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	175310	46.402 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	114801	47.562 ug/L	98
46) Tetrachloroethene	8.00	164	95618	47.121 ug/L	96
48) 2-Hexanone	8.16	43	270844	98.533 ug/L	99
49) Dibromochloromethane	8.27	129	126242	48.917 ug/L	99
50) 1,2-Dibromoethane	8.37	107	123653	48.921 ug/L	99
51) Chlorobenzene	8.90	112	319861	48.342 ug/L	98
52) Ethylbenzene	9.03	91	548083	48.792 ug/L	100
53) m,p-Xylene	9.16	106	207733	49.668 ug/L	95
54) o-xylene	9.57	106	203936	49.440 ug/L	98
55) Styrene	9.58	104	347832	49.876 ug/L	99
56) Isopropylbenzene	9.95	105	543641	49.049 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	183375	49.551 ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	153182	49.349 ug/L	100
61) Bromoform	9.75	173	85117	47.379 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	259354	46.882 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	260770	46.329 ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	269941	48.692 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	41482	47.586 ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	189396	45.912 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	171730	45.386 ug/L	99
69) Naphthalene	13.53	128	533754	49.040 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	174245	47.065 ug/L	99

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

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