Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
Data File : VV013113.D
Acq On : 11 Oct 2019 20:43
Operator : SY/MD
Sample : MDL01 2.5PPB
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01 2.5PPB

Manual Integrations APPROVED
MMDadoda
10/14/2019 4:13:22 PM

Quant Time: Oct 12 03:41:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 12 01:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	706657	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	655661	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	273248	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	243367	54.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.96%			
7) Chloroethane-d5	1.58	69	207791	56.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.50%			
11) 1,1-Dichloroethene-d2	2.13	63	349789	41.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.04%			
21) 2-Butanone-d5	3.93	46	380319	113.24	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.24%			
24) Chloroform-d	4.40	84	468613	54.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.00%			
26) 1,2-Dichloroethane-d4	5.08	65	302665	57.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.20%			
32) Benzene-d6	5.10	84	1005149	57.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.92%			
36) 1,2-Dichloropropane-d6	6.12	67	317374	57.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 115.82%			
41) Toluene-d8	7.36	98	861771	55.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.10%			
43) trans-1,3-Dichloropropene-	7.66	79	130647	52.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.24%			
47) 2-Hexanone-d5	8.13	63	237411	108.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.87%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	382187	54.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.08%			
64) 1,2-Dichlorobenzene-d4	11.67	152	319819	59.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.48%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	11562	2.109	ug/L	99
3) Chloromethane	1.25	50	14707	2.358	ug/L	94
5) Vinyl chloride	1.33	62	13474	2.249	ug/L #	69
6) Bromomethane	1.53	94	7366	2.402	ug/L	99
8) Chloroethane	1.60	64	7988	2.241	ug/L	95
9) Trichlorofluoromethane	1.77	101	16183	2.105	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	13226	2.920	ug/L #	80
12) 1,1-Dichloroethene	2.14	96	12091	2.759	ug/L #	1
13) Acetone	2.19	43	11895	3.857	ug/L	93
14) Carbon disulfide	2.32	76	30124	2.370	ug/L	100
15) Methyl Acetate	2.46	43	11859	2.170	ug/L	97
16) Methylene chloride	2.54	84	12091	2.319	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	10635	2.237	ug/L	96
18) Methyl tert-butyl Ether	2.80	73	29685	2.069	ug/L	97
19) 1,1-Dichloroethane	3.23	63	18923	2.110	ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	11169	2.076	ug/L	99
22) 2-Butanone	4.03	43	12504	3.186	ug/L	90

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	5692	2.083 ug/L		93
25) Chloroform	4.43	83	24940	2.760 ug/L		99
27) 1,2-Dichloroethane	5.18	62	13830	1.997 ug/L	#	94
29) Cyclohexane	4.72	56	15073	1.920 ug/L		96
30) 1,1,1-Trichloroethane	4.66	97	14875	2.045 ug/L		99
31) Carbon tetrachloride	4.88	117	13500	2.088 ug/L		93
33) Benzene	5.15	78	41601	2.083 ug/L		100
34) Trichloroethene	5.96	95	12082	2.272 ug/L		93
35) Methylcyclohexane	6.17	83	15924	1.980 ug/L		95
37) 1,2-Dichloropropane	6.22	63	11139m	2.154 ug/L		
38) Bromodichloromethane	6.56	83	13684	2.080 ug/L		100
39) cis-1,3-Dichloropropene	7.07	75	14347	1.876 ug/L		97
40) 4-Methyl-2-pentanone	7.27	43	24962	3.688 ug/L		95
42) Toluene	7.43	91	43732	2.127 ug/L		93
44) trans-1,3-Dichloropropene	7.69	75	12207	1.841 ug/L		96
45) 1,1,2-Trichloroethane	7.88	97	10457	2.130 ug/L		95
46) Tetrachloroethene	8.02	164	9098	2.161 ug/L		91
48) 2-Hexanone	8.18	43	28837	5.509 ug/L		91
49) Dibromochloromethane	8.29	129	10051	1.878 ug/L		94
50) 1,2-Dibromoethane	8.40	107	11070	2.157 ug/L		89
51) Chlorobenzene	8.92	112	27539	2.043 ug/L		93
52) Ethylbenzene	9.05	91	40668	1.852 ug/L		99
53) m,p-Xylene	9.18	106	14605	1.768 ug/L		95
54) o-xylene	9.59	106	14207	1.716 ug/L		95
55) Styrene	9.60	104	21870	1.609 ug/L		97
56) Isopropylbenzene	9.97	105	34252	1.612 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.28	83	16646	2.332 ug/L	#	97
59) 1,2,3-Trichloropropane	10.32	75	12868	2.044 ug/L		100
61) Bromoform	9.77	173	7591	2.208 ug/L	#	92
62) 1,3-Dichlorobenzene	11.22	146	18865	2.135 ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	20909	2.356 ug/L		99
65) 1,2-Dichlorobenzene	11.68	146	21554	2.396 ug/L		94
66) 1,2-Dibromo-3-chloropropan	12.48	75	2814	2.151 ug/L		92
67) 1,3,5-Trichlorobenzene	12.69	180	12708	2.017 ug/L		92
68) 1,2,4-trichlorobenzene	13.31	180	12456	2.305 ug/L		92
69) Naphthalene	13.55	128	25640	1.722 ug/L		97
70) 1,2,3-Trichlorobenzene	13.79	180	12019	2.079 ug/L		96

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

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