Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101119\
Data File : VV013118.D
Acq On : 11 Oct 2019 22:44
Operator : SY/MD
Sample : MDL06 2.5PPB
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL06 2.5PPB

Manual Integrations APPROVED
MMDadoda
10/14/2019 4:13:34 PM

Quant Time: Oct 12 04:08:53 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	704902	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	657618	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	278208	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	235257	52.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.60%			
7) Chloroethane-d5	1.58	69	201649	55.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.42%			
11) 1,1-Dichloroethene-d2	2.13	63	336813	40.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.16%			
21) 2-Butanone-d5	3.92	46	369909	110.41	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.41%			
24) Chloroform-d	4.40	84	448960	52.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.68%			
26) 1,2-Dichloroethane-d4	5.08	65	293567	55.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.04%			
32) Benzene-d6	5.10	84	958083	54.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.22%			
36) 1,2-Dichloropropane-d6	6.12	67	306528	55.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.52%			
41) Toluene-d8	7.36	98	833378	53.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.16%			
43) trans-1,3-Dichloropropene-	7.66	79	127569	51.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.46%			
47) 2-Hexanone-d5	8.13	63	231194	105.70	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.70%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	371932	52.43	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.86%			
64) 1,2-Dichlorobenzene-d4	11.67	152	317650	58.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.56%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	12150	2.222	ug/L	95
3) Chloromethane	1.25	50	15811	2.541	ug/L	99
5) Vinyl chloride	1.33	62	13954	2.334	ug/L #	69
6) Bromomethane	1.53	94	9055	2.961	ug/L	94
8) Chloroethane	1.60	64	8522	2.397	ug/L	96
9) Trichlorofluoromethane	1.77	101	17018	2.219	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	12855	2.845	ug/L #	84
12) 1,1-Dichloroethene	2.14	96	12612	2.885	ug/L #	1
13) Acetone	2.19	43	11065	3.597	ug/L	93
14) Carbon disulfide	2.32	76	28930	2.282	ug/L	99
15) Methyl Acetate	2.46	43	12641	2.319	ug/L	95
16) Methylene chloride	2.54	84	12977	2.495	ug/L	98
17) trans-1,2-Dichloroethene	2.80	96	10584	2.232	ug/L	99
18) Methyl tert-butyl Ether	2.80	73	30142	2.106	ug/L	98
19) 1,1-Dichloroethane	3.23	63	20096	2.246	ug/L	97
20) cis-1,2-Dichloroethene	3.96	96	12285	2.289	ug/L	96
22) 2-Butanone	4.03	43	15542m	3.969	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	6543	2.400 ug/L		90
25) Chloroform	4.42	83	26377	2.926 ug/L		99
27) 1,2-Dichloroethane	5.18	62	15579	2.255 ug/L		96
29) Cyclohexane	4.73	56	16235	2.061 ug/L		99
30) 1,1,1-Trichloroethane	4.66	97	16764	2.297 ug/L		99
31) Carbon tetrachloride	4.88	117	14864	2.292 ug/L		89
33) Benzene	5.15	78	44205	2.207 ug/L		100
34) Trichloroethene	5.96	95	12812	2.402 ug/L		96
35) Methylcyclohexane	6.18	83	16846	2.088 ug/L		97
37) 1,2-Dichloropropane	6.22	63	12387	2.388 ug/L	#	95
38) Bromodichloromethane	6.56	83	14552	2.205 ug/L		93
39) cis-1,3-Dichloropropene	7.07	75	16577	2.161 ug/L		98
40) 4-Methyl-2-pentanone	7.27	43	25755	3.793 ug/L		97
42) Toluene	7.43	91	46825	2.271 ug/L		98
44) trans-1,3-Dichloropropene	7.69	75	14927	2.245 ug/L		96
45) 1,1,2-Trichloroethane	7.88	97	10673	2.167 ug/L		97
46) Tetrachloroethene	8.02	164	9062	2.146 ug/L		94
48) 2-Hexanone	8.18	43	32238	6.140 ug/L		92
49) Dibromochloromethane	8.29	129	11367	2.118 ug/L		98
50) 1,2-Dibromoethane	8.40	107	11584	2.251 ug/L		95
51) Chlorobenzene	8.92	112	30043	2.222 ug/L		98
52) Ethylbenzene	9.05	91	43372	1.969 ug/L		98
53) m,p-Xylene	9.18	106	15938	1.923 ug/L		94
54) o-xylene	9.59	106	15272	1.840 ug/L		93
55) Styrene	9.60	104	23702	1.738 ug/L		99
56) Isopropylbenzene	9.97	105	37116	1.741 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.28	83	17549	2.451 ug/L	#	95
59) 1,2,3-Trichloropropane	10.32	75	13723	2.173 ug/L		97
61) Bromoform	9.77	173	8232	2.351 ug/L	#	89
62) 1,3-Dichlorobenzene	11.22	146	19806	2.201 ug/L		97
63) 1,4-Dichlorobenzene	11.31	146	22082	2.444 ug/L		97
65) 1,2-Dichlorobenzene	11.69	146	21816	2.382 ug/L		95
66) 1,2-Dibromo-3-chloropropan	12.47	75	3281	2.463 ug/L	#	82
67) 1,3,5-Trichlorobenzene	12.69	180	13782	2.148 ug/L		98
68) 1,2,4-trichlorobenzene	13.31	180	11708	2.127 ug/L		96
69) Naphthalene	13.55	128	23290	1.536 ug/L		99
70) 1,2,3-Trichlorobenzene	13.79	180	11789	2.003 ug/L		98

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

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