Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080619\
Data File : VV012114.D
Acq On : 06 Aug 2019 15:07
Operator : SY/MD
Sample : MDL01
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL01

Manual Integrations APPROVED
MMDadoda
8/7/2019 9:10:51 AM

Quant Time: Aug 06 18:41:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 06 18:20:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	275640	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	253237	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	125125	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	69088	45.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.70%			
7) Chloroethane-d5	1.58	69	48003	44.88	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.76%			
11) 1,1-Dichloroethene-d2	2.13	63	97179	37.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.40%			
21) 2-Butanone-d5	3.92	46	118282	107.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.74%			
24) Chloroform-d	4.40	84	182034	48.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.30%			
26) 1,2-Dichloroethane-d4	5.08	65	123393	50.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.62%			
32) Benzene-d6	5.10	84	364156	49.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.94%			
36) 1,2-Dichloropropane-d6	6.12	67	108038	51.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.36%			
41) Toluene-d8	7.36	98	352087	50.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.22%			
43) trans-1,3-Dichloropropene-	7.66	79	60623	50.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.02%			
47) 2-Hexanone-d5	8.13	63	94325	107.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.59%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	148894	50.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.08%			
66) 1,2-Dichlorobenzene-d4	11.67	152	152580	51.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4736	2.433	ug/L	100
3) Chloromethane	1.25	50	4048	2.928	ug/L	93
5) Vinyl chloride	1.32	62	2796	2.095	ug/L #	60
6) Bromomethane	1.52	94	2122	2.739	ug/L	98
8) Chloroethane	1.60	64	1576	2.255	ug/L	98
9) Trichlorofluoromethane	1.77	101	5128	2.364	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3265	3.070	ug/L #	82
12) 1,1-Dichloroethene	2.14	96	3096	3.091	ug/L #	1
13) Acetone	2.19	43	3698	4.940	ug/L	99
14) Carbon disulfide	2.32	76	7844	2.318	ug/L	97
15) Methyl Acetate	2.46	43	3170	2.420	ug/L	97
16) Methylene chloride	2.53	84	3739	2.461	ug/L	88
17) trans-1,2-Dichloroethene	2.79	96	3420	2.419	ug/L	93
18) Methyl tert-butyl Ether	2.80	73	10396m	2.140	ug/L	
19) 1,1-Dichloroethane	3.23	63	5785	2.243	ug/L	91
20) cis-1,2-Dichloroethene	3.96	96	3802	2.283	ug/L	96
22) 2-Butanone	4.03	43	4874m	5.052	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	2065	2.255 ug/L	#	89
25) Chloroform	4.42	83	8327	2.849 ug/L		100
27) 1,2-Dichloroethane	5.18	62	6008	2.644 ug/L	#	95
29) Cyclohexane	4.73	56	5153	2.433 ug/L		98
30) 1,1,1-Trichloroethane	4.66	97	6030	2.242 ug/L		93
31) Carbon tetrachloride	4.87	117	5951	2.385 ug/L		98
33) Benzene	5.15	78	13931	2.390 ug/L		100
34) Trichloroethene	5.96	95	4032	2.488 ug/L		98
35) Methylcyclohexane	6.18	83	5922	2.456 ug/L		94
37) 1,2-Dichloropropane	6.22	63	3741m	2.631 ug/L		
38) Bromodichloromethane	6.56	83	5188	2.319 ug/L		98
39) cis-1,3-Dichloropropene	7.07	75	6063	2.419 ug/L		98
40) 4-Methyl-2-pentanone	7.27	43	8545	4.669 ug/L		98
42) Toluene	7.43	91	16684	2.576 ug/L		99
44) trans-1,3-Dichloropropene	7.69	75	5457	2.306 ug/L		99
45) 1,1,2-Trichloroethane	7.88	97	3756	2.451 ug/L		94
46) Tetrachloroethene	8.02	164	3540	2.345 ug/L		99
48) 2-Hexanone	8.18	43	6588	4.775 ug/L	#	85
49) Dibromochloromethane	8.29	129	4998	2.513 ug/L		86
50) 1,2-Dibromoethane	8.40	107	3832	2.261 ug/L		84
51) Chlorobenzene	8.92	112	11015	2.522 ug/L		91
52) Ethylbenzene	9.05	91	16948	2.332 ug/L		96
53) m,p-Xylene	9.18	106	6620	2.361 ug/L		90
54) o-Xylene	9.59	106	6478	2.328 ug/L		94
55) Styrene	9.60	104	11325	2.416 ug/L		91
57) 1,1,2,2-Tetrachloroethane	10.28	83	6351	2.695 ug/L	#	88
59) Bromoform	9.77	173	3542	2.413 ug/L	#	96
60) Isopropylbenzene	9.97	105	17203	2.512 ug/L		98
61) 1,2,3-Trichloropropane	10.31	75	4515	2.657 ug/L		96
62) 1,3,5-Trimethylbenzene	10.58	105	14651	2.474 ug/L		99
63) 1,2,4-Trimethylbenzene	10.96	105	13590	2.325 ug/L		96
64) 1,3-Dichlorobenzene	11.22	146	8809	2.549 ug/L		98
65) 1,4-Dichlorobenzene	11.31	146	9357	2.678 ug/L		97
67) 1,2-Dichlorobenzene	11.69	146	9136	2.591 ug/L		96
68) 1,2-Dibromo-3-chloropropan	12.48	75	1554	2.775 ug/L	#	81
69) 1,3,5-Trichlorobenzene	12.69	180	6635	2.368 ug/L		95
70) 1,2,4-trichlorobenzene	13.31	180	5205	2.143 ug/L		96
71) Naphthalene	13.56	128	10481	1.702 ug/L		98
72) 1,2,3-Trichlorobenzene	13.79	180	5008	2.049 ug/L		96

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

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