Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080619\
Data File : VV012116.D
Acq On : 06 Aug 2019 15:56
Operator : SY/MD
Sample : MDL01
Misc : 5.00g/5.0mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL01

Manual Integrations APPROVED
MMDadoda
8/7/2019 9:10:56 AM

Quant Time: Aug 06 18:45:23 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	265491	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	245474	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	123674	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	66976	46.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.30%			
7) Chloroethane-d5	1.58	69	46854	45.48	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.96%			
11) 1,1-Dichloroethene-d2	2.13	63	91044	36.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.38%			
21) 2-Butanone-d5	3.92	46	120642	114.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.09%			
24) Chloroform-d	4.40	84	176293	48.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.84%			
26) 1,2-Dichloroethane-d4	5.08	65	119636	51.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.28%			
32) Benzene-d6	5.10	84	352640	49.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.84%			
36) 1,2-Dichloropropane-d6	6.12	67	102664	50.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.34%			
41) Toluene-d8	7.36	98	336639	49.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.86%			
43) trans-1,3-Dichloropropene-	7.66	79	58054	49.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.80%			
47) 2-Hexanone-d5	8.13	63	92984	109.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.42%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	144604	50.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.28%			
66) 1,2-Dichlorobenzene-d4	11.67	152	149842	51.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.04%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4353	2.321	ug/L	96
3) Chloromethane	1.25	50	3519	2.643	ug/L	100
5) Vinyl chloride	1.32	62	2953	2.298	ug/L #	26
6) Bromomethane	1.53	94	1910	2.560	ug/L	83
8) Chloroethane	1.60	64	1489	2.212	ug/L	87
9) Trichlorofluoromethane	1.77	101	4756	2.276	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3059	2.986	ug/L #	78
12) 1,1-Dichloroethene	2.14	96	2691	2.790	ug/L #	1
13) Acetone	2.19	43	3552	4.927	ug/L	84
14) Carbon disulfide	2.32	76	7491	2.298	ug/L #	95
15) Methyl Acetate	2.46	43	2989	2.369	ug/L	96
16) Methylene chloride	2.54	84	3904	2.668	ug/L	85
17) trans-1,2-Dichloroethene	2.79	96	3032	2.226	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	10565	2.257	ug/L	96
19) 1,1-Dichloroethane	3.23	63	5807	2.338	ug/L	94
20) cis-1,2-Dichloroethene	3.96	96	3905	2.434	ug/L	88
22) 2-Butanone	4.03	43	4730m	5.091	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.30	128	1913	2.169 ug/L		96
25) Chloroform	4.43	83	7461	2.650 ug/L		90
27) 1,2-Dichloroethane	5.18	62	5464	2.497 ug/L	#	91
29) Cyclohexane	4.72	56	4802	2.339 ug/L		98
30) 1,1,1-Trichloroethane	4.66	97	6488	2.488 ug/L		94
31) Carbon tetrachloride	4.88	117	5595	2.313 ug/L		93
33) Benzene	5.15	78	13856	2.452 ug/L		100
34) Trichloroethene	5.96	95	3681	2.344 ug/L		91
35) Methylcyclohexane	6.18	83	5013	2.144 ug/L		89
37) 1,2-Dichloropropane	6.22	63	3589	2.604 ug/L	#	84
38) Bromodichloromethane	6.56	83	4675	2.156 ug/L	#	94
39) cis-1,3-Dichloropropene	7.07	75	5845	2.405 ug/L		92
40) 4-Methyl-2-pentanone	7.27	43	8220	4.634 ug/L		99
42) Toluene	7.43	91	15969	2.543 ug/L		99
44) trans-1,3-Dichloropropene	7.69	75	5022	2.189 ug/L		95
45) 1,1,2-Trichloroethane	7.88	97	3511	2.363 ug/L		86
46) Tetrachloroethene	8.02	164	3445	2.354 ug/L		97
48) 2-Hexanone	8.18	43	6372	4.765 ug/L	#	91
49) Dibromochloromethane	8.29	129	4407	2.286 ug/L		96
50) 1,2-Dibromoethane	8.40	107	3935	2.395 ug/L	#	93
51) Chlorobenzene	8.92	112	10624	2.510 ug/L		94
52) Ethylbenzene	9.06	91	16224	2.303 ug/L		100
53) m,p-Xylene	9.18	106	6369	2.343 ug/L		86
54) o-Xylene	9.59	106	5947	2.205 ug/L		91
55) Styrene	9.60	104	9864	2.171 ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.28	83	6552	2.868 ug/L	#	90
59) Bromoform	9.77	173	3147	2.169 ug/L	#	95
60) Isopropylbenzene	9.97	105	16827	2.485 ug/L		98
61) 1,2,3-Trichloropropane	10.32	75	4398	2.619 ug/L		95
62) 1,3,5-Trimethylbenzene	10.58	105	13269	2.267 ug/L		98
63) 1,2,4-Trimethylbenzene	10.96	105	14045	2.431 ug/L		98
64) 1,3-Dichlorobenzene	11.23	146	8327	2.438 ug/L		94
65) 1,4-Dichlorobenzene	11.32	146	8896	2.576 ug/L		97
67) 1,2-Dichlorobenzene	11.69	146	8607	2.469 ug/L		97
68) 1,2-Dibromo-3-chloropropan	12.48	75	1259	2.275 ug/L		92
69) 1,3,5-Trichlorobenzene	12.69	180	6331	2.286 ug/L		97
70) 1,2,4-trichlorobenzene	13.31	180	4729	1.970 ug/L		94
71) Naphthalene	13.55	128	9425	1.549 ug/L		97
72) 1,2,3-Trichlorobenzene	13.79	180	4812	1.992 ug/L		98

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

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