Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080219\
Data File : VV012096.D
Acq On : 02 Aug 2019 11:57
Operator : SY/MD
Sample : MDL07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Manual Integrations APPROVED
MMDadoda
8/6/2019 9:56:05 AM

Quant Time: Aug 03 00:08:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 02 23:54:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153746	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144807	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	78348	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	33089	3.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.00%			
7) Chloroethane-d5	1.58	69	26130	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.60%			
11) 1,1-Dichloroethene-d2	2.13	63	51795	3.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.80%			
20) 2-Butanone-d5	3.96	46	79094	40.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.04%			
24) Chloroform-d	4.40	84	86511	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	5.08	65	46739	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
32) Benzene-d6	5.10	84	162987	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.12	67	43331	4.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.00%			
41) Toluene-d8	7.36	98	159319	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	7.66	79	20567	4.61	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.20%			
46) 2-Hexanone-d5	8.13	63	66412	42.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.20%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	32228	4.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.20%			
66) 1,2-Dichlorobenzene-d4	11.67	152	65188	4.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4535	0.259	ug/L	97
3) Chloromethane	1.25	50	2409	0.240	ug/L	86
5) Vinyl chloride	1.32	62	2445	0.238	ug/L #	81
6) Bromomethane	1.54	94	1230	0.201	ug/L	97
8) Chloroethane	1.60	64	1385	0.248	ug/L	96
9) Trichlorofluoromethane	1.77	101	4761	0.271	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2745	0.360	ug/L #	84
12) 1,1-Dichloroethene	2.14	96	2275	0.322	ug/L #	1
13) Acetone	2.22	43	3807	3.500	ug/L	93
14) Carbon disulfide	2.32	76	5212	0.264	ug/L #	93
15) Methyl Acetate	2.46	43	803	0.359	ug/L #	80
16) Methylene chloride	2.53	84	3178	0.439	ug/L	81
17) Methyl tert-butyl Ether	2.80	73	6112	0.275	ug/L #	93
18) trans-1,2-Dichloroethene	2.79	96	2744	0.270	ug/L	93
19) 1,1-Dichloroethane	3.23	63	5024	0.276	ug/L	89
21) 2-Butanone	4.05	43	5616m	2.617	ug/L	
22) cis-1,2-Dichloroethene	3.96	96	2924	0.270	ug/L	96

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.31	128	1226m	0.258 ug/L		
25) Chloroform	4.42	83	8681	0.380 ug/L		96
27) 1,2-Dichloroethane	5.19	62	3932	0.312 ug/L		98
29) 1,1,1-Trichloroethane	4.66	97	5394	0.301 ug/L		95
30) Cyclohexane	4.72	56	3770	0.246 ug/L	#	86
31) Carbon tetrachloride	4.87	117	5137	0.319 ug/L		96
33) Benzene	5.14	78	10744	0.273 ug/L		100
34) Trichloroethene	5.96	95	3086	0.275 ug/L		95
35) Methylcyclohexane	6.17	83	4669	0.266 ug/L		97
37) 1,2-Dichloropropane	6.23	63	2350	0.258 ug/L	#	91
38) Bromodichloromethane	6.55	83	4093	0.319 ug/L		98
39) cis-1,3-Dichloropropene	7.07	75	4018	0.282 ug/L	#	81
40) 4-Methyl-2-pentanone	7.28	43	12697	2.473 ug/L	#	86
42) Toluene	7.43	91	12261	0.280 ug/L		100
44) trans-1,3-Dichloropropene	7.69	75	3525	0.306 ug/L	#	77
45) 1,1,2-Trichloroethane	7.88	97	1780	0.256 ug/L	#	64
47) Tetrachloroethene	8.02	164	3006	0.307 ug/L		95
48) 2-Hexanone	8.19	43	9606	2.648 ug/L		94
49) Dibromochloromethane	8.29	129	2531	0.297 ug/L		89
50) 1,2-Dibromoethane	8.40	107	1928	0.297 ug/L	#	95
51) Chlorobenzene	8.92	112	8055	0.275 ug/L		95
52) Ethylbenzene	9.05	91	13267	0.266 ug/L		98
53) m,p-xylene	9.18	106	4917	0.259 ug/L		96
54) o-xylene	9.59	106	4944	0.275 ug/L		98
55) Styrene	9.60	104	7376	0.243 ug/L		93
57) 1,1,2,2-Tetrachloroethane	10.29	83	2372	0.318 ug/L		99
59) Bromoform	9.77	173	1433	0.303 ug/L	#	88
60) Isopropylbenzene	9.97	105	13023	0.260 ug/L		98
61) 1,2,3-Trichloropropane	10.32	75	1636	0.286 ug/L		94
62) 1,3,5-Trimethylbenzene	10.58	105	11609	0.281 ug/L		99
63) 1,2,4-Trimethylbenzene	10.96	105	10312	0.251 ug/L		96
64) 1,3-Dichlorobenzene	11.22	146	6883	0.276 ug/L		94
65) 1,4-Dichlorobenzene	11.32	146	7396	0.291 ug/L		95
67) 1,2-Dichlorobenzene	11.69	146	6789	0.300 ug/L		91
68) 1,2-Dibromo-3-chloropropan	12.47	75	333	0.283 ug/L	#	88
69) 1,3,5-Trichlorobenzene	12.69	180	6464	0.313 ug/L		96
70) 1,2,4-trichlorobenzene	13.31	180	4657	0.285 ug/L		97
71) Naphthalene	13.55	128	6237	0.275 ug/L		98
72) 1,2,3-Trichlorobenzene	13.79	180	4545	0.314 ug/L		92

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

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