Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080219\
Data File : VV012095.D
Acq On : 02 Aug 2019 11:23
Operator : SY/MD
Sample : MDL06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL06

Manual Integrations APPROVED
MMDadoda
8/6/2019 9:56:01 AM

Quant Time: Aug 03 00:05:54 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	135953	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126035	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	69143	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	33484	4.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.00%			
7) Chloroethane-d5	1.58	69	26517	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.20%			
11) 1,1-Dichloroethene-d2	2.13	63	53446	3.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.60%			
20) 2-Butanone-d5	3.96	46	78862	45.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.26%			
24) Chloroform-d	4.40	84	88457	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
26) 1,2-Dichloroethane-d4	5.08	65	47799	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.20%			
32) Benzene-d6	5.10	84	166984	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
36) 1,2-Dichloropropane-d6	6.12	67	43989	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.36	98	163043	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
43) trans-1,3-Dichloropropene-	7.66	79	21059	5.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.60%			
46) 2-Hexanone-d5	8.14	63	64204	46.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.52%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	32537	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.60%			
66) 1,2-Dichlorobenzene-d4	11.67	152	66682	5.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3467	0.224	ug/L	93
3) Chloromethane	1.25	50	2034	0.229	ug/L	85
5) Vinyl chloride	1.32	62	1974	0.218	ug/L #	52
6) Bromomethane	1.54	94	1199	0.221	ug/L	94
8) Chloroethane	1.60	64	1019	0.207	ug/L	84
9) Trichlorofluoromethane	1.77	101	3609	0.233	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2154	0.319	ug/L	89
12) 1,1-Dichloroethene	2.14	96	1974	0.316	ug/L #	1
13) Acetone	2.22	43	3178	3.305	ug/L	61
14) Carbon disulfide	2.32	76	4367	0.250	ug/L #	71
15) Methyl Acetate	2.46	43	482m	0.244	ug/L	
16) Methylene chloride	2.54	84	2607	0.407	ug/L	85
17) Methyl tert-butyl Ether	2.81	73	5102	0.260	ug/L #	94
18) trans-1,2-Dichloroethene	2.79	96	2160	0.240	ug/L	94
19) 1,1-Dichloroethane	3.23	63	3961	0.246	ug/L #	92
21) 2-Butanone	4.06	43	3851m	2.029	ug/L	
22) cis-1,2-Dichloroethene	3.96	96	2295	0.239	ug/L	92

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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)
23) Bromochloromethane	4.30	128	1066	0.254 ug/L	#	65
25) Chloroform	4.43	83	7523	0.373 ug/L		95
27) 1,2-Dichloroethane	5.19	62	3234	0.290 ug/L	#	76
29) 1,1,1-Trichloroethane	4.65	97	4414	0.283 ug/L	#	83
30) Cyclohexane	4.72	56	2944	0.221 ug/L	#	80
31) Carbon tetrachloride	4.87	117	4226	0.301 ug/L		96
33) Benzene	5.15	78	8357	0.244 ug/L		100
34) Trichloroethene	5.96	95	2723m	0.279 ug/L		
35) Methylcyclohexane	6.17	83	3848	0.252 ug/L		95
37) 1,2-Dichloropropane	6.22	63	2014	0.254 ug/L	#	89
38) Bromodichloromethane	6.55	83	3075	0.275 ug/L	#	89
39) cis-1,3-Dichloropropene	7.07	75	2802	0.226 ug/L		100
40) 4-Methyl-2-pentanone	7.28	43	9832	2.201 ug/L	#	86
42) Toluene	7.43	91	10375	0.273 ug/L		100
44) trans-1,3-Dichloropropene	7.69	75	2458m	0.245 ug/L		
45) 1,1,2-Trichloroethane	7.88	97	1493	0.247 ug/L		92
47) Tetrachloroethene	8.02	164	2193	0.257 ug/L		94
48) 2-Hexanone	8.19	43	7609	2.410 ug/L	#	92
49) Dibromochloromethane	8.29	129	2303	0.311 ug/L		81
50) 1,2-Dibromoethane	8.40	107	1387	0.246 ug/L	#	95
51) Chlorobenzene	8.92	112	6582	0.259 ug/L		96
52) Ethylbenzene	9.05	91	10860	0.250 ug/L		92
53) m,p-xylene	9.18	106	3868	0.234 ug/L		94
54) o-xylene	9.59	106	3628	0.232 ug/L		76
55) Styrene	9.60	104	6053	0.230 ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.28	83	1721	0.265 ug/L	#	89
59) Bromoform	9.77	173	1095	0.262 ug/L	#	88
60) Isopropylbenzene	9.97	105	10505	0.238 ug/L		98
61) 1,2,3-Trichloropropane	10.32	75	1170	0.232 ug/L	#	92
62) 1,3,5-Trimethylbenzene	10.58	105	8166	0.224 ug/L		97
63) 1,2,4-Trimethylbenzene	10.95	105	7967	0.220 ug/L		87
64) 1,3-Dichlorobenzene	11.23	146	5331	0.242 ug/L		90
65) 1,4-Dichlorobenzene	11.32	146	6001	0.268 ug/L		91
67) 1,2-Dichlorobenzene	11.69	146	5467	0.273 ug/L		94
68) 1,2-Dibromo-3-chloropropan	12.48	75	345	0.332 ug/L	#	72
69) 1,3,5-Trichlorobenzene	12.69	180	5027	0.276 ug/L		94
70) 1,2,4-trichlorobenzene	13.31	180	3655	0.254 ug/L		95
71) Naphthalene	13.55	128	4313	0.216 ug/L	#	84
72) 1,2,3-Trichlorobenzene	13.79	180	3122	0.245 ug/L		93

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

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