Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081519\
Data File : VU033805.D
Acq On : 15 Aug 2019 12:14
Operator : JC/SP
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL04

Manual Integrations APPROVED
MMDadoda
8/16/2019 12:45:15 PM

Quant Time: Aug 16 12:09:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR081419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 16 01:09:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	170595	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	175283	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	80558	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	84350	4.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%			
7) Chloroethane-d5	1.67	69	72281	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.26	65	39866	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.80%			
20) 2-Butanone-d5	4.19	46	197425	52.92	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.84%			
24) Chloroform-d	4.62	84	135177	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.29	65	72995	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.32	84	253955	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.31	67	85417	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	7.55	98	210983	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
43) trans-1,3-Dichloropropene-	7.84	79	30948	4.58	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.60%			
46) 2-Hexanone-d5	8.30	63	134092	49.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.58%			
56) 1,1,2,2-Tetrachloroethane-	10.41	84	72736	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
66) 1,2-Dichlorobenzene-d4	11.85	152	83340	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	5654	0.229	ug/L	93
3) Chloromethane	1.32	50	6545	0.255	ug/L	99
5) Vinyl chloride	1.39	62	6586	0.235	ug/L #	58
6) Bromomethane	1.62	94	4073	0.250	ug/L	100
8) Chloroethane	1.69	64	4109	0.249	ug/L	91
9) Trichlorofluoromethane	1.87	101	9296	0.243	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	6026	0.296	ug/L	89
12) 1,1-Dichloroethene	2.27	96	6116	0.311	ug/L #	1
13) Acetone	2.35	43	12141m	3.054	ug/L	
14) Carbon disulfide	2.46	76	16732	0.251	ug/L	98
15) Methyl Acetate	2.62	43	3327	0.322	ug/L	99
16) Methylene chloride	2.68	84	7638	0.333	ug/L	97
17) Methyl tert-butyl Ether	2.99	73	11908	0.234	ug/L #	94
18) trans-1,2-Dichloroethene	2.96	96	6083	0.288	ug/L	96
19) 1,1-Dichloroethane	3.42	63	7631	0.231	ug/L	99
21) 2-Butanone	4.30	43	9674m	1.965	ug/L	
22) cis-1,2-Dichloroethene	4.20	96	4440	0.247	ug/L	88

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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	4.53	128	2010	0.233 ug/L		92
25) Chloroform	4.65	83	12603	0.355 ug/L		95
27) 1,2-Dichloroethane	5.39	62	5273	0.241 ug/L		96
29) 1,1,1-Trichloroethane	4.89	97	6653	0.233 ug/L		95
30) Cyclohexane	4.96	56	4685	0.181 ug/L		87
31) Carbon tetrachloride	5.11	117	6004	0.237 ug/L		97
33) Benzene	5.37	78	16079	0.229 ug/L		100
34) Trichloroethene	6.17	95	4398	0.239 ug/L		90
35) Methylcyclohexane	6.40	83	5814	0.211 ug/L		95
37) 1,2-Dichloropropane	6.41	63	4359	0.230 ug/L	#	93
38) Bromodichloromethane	6.74	83	6055	0.253 ug/L	#	95
39) cis-1,3-Dichloropropene	7.25	75	5876	0.230 ug/L		93
40) 4-Methyl-2-pentanone	7.45	43	21142	1.931 ug/L	#	90
42) Toluene	7.62	91	16365	0.222 ug/L		94
44) trans-1,3-Dichloropropene	7.87	75	4686	0.219 ug/L		92
45) 1,1,2-Trichloroethane	8.05	97	3271	0.242 ug/L		90
47) Tetrachloroethene	8.21	164	3474	0.227 ug/L		96
48) 2-Hexanone	8.35	43	25571	3.230 ug/L		93
49) Dibromochloromethane	8.46	129	3710	0.226 ug/L		95
50) 1,2-Dibromoethane	8.57	107	2713	0.207 ug/L	#	92
51) Chlorobenzene	9.10	112	11663	0.246 ug/L		97
52) Ethylbenzene	9.23	91	15242	0.200 ug/L		98
53) m,p-Xylene	9.36	106	5560	0.193 ug/L		99
54) o-Xylene	9.76	106	5202	0.191 ug/L		99
55) Styrene	9.78	104	7432	0.157 ug/L		90
57) 1,1,2,2-Tetrachloroethane	10.44	83	4063	0.229 ug/L	#	95
59) Isopropylbenzene	10.15	105	12683	0.207 ug/L		97
60) Bromoform	9.94	173	2009	0.244 ug/L	#	97
61) 1,2,3-Trichloropropane	10.48	75	3079	0.288 ug/L		97
62) 1,3,5-Trimethylbenzene	10.76	105	9504	0.191 ug/L		98
63) 1,2,4-Trimethylbenzene	11.13	105	9112	0.183 ug/L		96
64) 1,3-Dichlorobenzene	11.40	146	8275	0.252 ug/L		97
65) 1,4-Dichlorobenzene	11.49	146	8886	0.263 ug/L		97
67) 1,2-Dichlorobenzene	11.86	146	8281	0.261 ug/L		97
69) 1,3,5-Trichlorobenzene	12.88	180	6613m	0.256 ug/L		
70) 1,2,4-trichlorobenzene	13.50	180	3925m	0.195 ug/L		
71) Naphthalene	13.74	128	5945m	0.192 ug/L		
72) 1,2,3-Trichlorobenzene	13.98	180	4073m	0.215 ug/L		

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

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