Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091719\
Data File : VR026645.D
Acq On : 17 Sep 2019 18:14
Operator : SY/MD
Sample : MDL05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : MDL05

Manual Integrations APPROVED
MMDadoda
9/20/2019 12:41:55 AM

Quant Time: Sep 18 07:33:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 07:10:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	305011	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	254953	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	109857	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.19	65	47174	5.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.60%			
7) Chloroethane-d5	2.63	69	45568	6.15	ug/L	-0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 123.00%			
11) 1,1-Dichloroethene-d2	3.63	63	89590	3.87	ug/L	-0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.40%			
20) 2-Butanone-d5	6.61	46	82912	45.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.22%			
24) Chloroform-d	7.23	84	168197	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
26) 1,2-Dichloroethane-d4	7.91	65	59101	5.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.00%			
32) Benzene-d6	7.88	84	314340	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	8.92	67	82087	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.60%			
41) Toluene-d8	9.99	98	222095	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
43) trans-1,3-Dichloropropene-	10.25	79	17960	4.68	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.60%			
46) 2-Hexanone-d5	10.61	63	56707	49.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.16%			
57) 1,1,2,2-Tetrachloroethane-	12.38	84	43167	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%			
64) 1,2-Dichlorobenzene-d4	13.53	152	64322	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	10596	0.307	ug/L #	86
3) Chloromethane	2.06	50	4914m	0.273	ug/L	
5) Vinyl chloride	2.19	62	4520m	0.251	ug/L	
6) Bromomethane	2.54	94	3353	0.296	ug/L	75
8) Chloroethane	2.67	64	2917m	0.280	ug/L	
9) Trichlorofluoromethane	2.97	101	11064m	0.355	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.66	101	4867m	0.356	ug/L	
12) 1,1-Dichloroethene	3.63	96	4624m	0.344	ug/L	
13) Acetone	3.73	43	4442	3.250	ug/L	92
14) Carbon disulfide	3.97	76	13027	0.226	ug/L	99
15) Methyl Acetate	4.22	43	1584m	0.276	ug/L	
16) Methylene chloride	4.43	84	10828m	0.387	ug/L	
17) Methyl tert-butyl Ether	4.93	73	5747m	0.198	ug/L	
18) trans-1,2-Dichloroethene	4.90	96	8125m	0.289	ug/L	
19) 1,1-Dichloroethane	5.73	63	14308	0.271	ug/L #	77
21) 2-Butanone	6.71	43	6543m	2.620	ug/L	
22) cis-1,2-Dichloroethene	6.70	96	6812	0.253	ug/L #	84

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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	7.09	128	2672	0.357 ug/L	#	55
25) Chloroform	7.25	83	17939	0.355 ug/L		84
27) 1,2-Dichloroethane	8.01	62	6210	0.349 ug/L	#	85
29) 1,1,1-Trichloroethane	7.45	97	11188	0.273 ug/L		93
30) Cyclohexane	7.54	56	7480	0.171 ug/L		95
31) Carbon tetrachloride	7.65	117	8765	0.252 ug/L		100
33) Benzene	7.93	78	28791m	0.255 ug/L		
34) Trichloroethene	8.73	95	7010	0.249 ug/L		89
35) Methylcyclohexane	8.98	83	9033	0.213 ug/L		94
37) 1,2-Dichloropropane	9.01	63	5669	0.248 ug/L	#	78
38) Bromodichloromethane	9.30	83	7235	0.298 ug/L	#	90
39) cis-1,3-Dichloropropene	9.74	75	5582	0.231 ug/L		90
40) 4-Methyl-2-pentanone	9.88	43	9720	1.700 ug/L	#	89
42) Toluene	10.05	91	26983	0.273 ug/L		98
44) trans-1,3-Dichloropropene	10.28	75	3511m	0.226 ug/L		
45) 1,1,2-Trichloroethane	10.46	97	2583	0.266 ug/L	#	77
47) Tetrachloroethene	10.53	164	5454	0.328 ug/L		91
48) 2-Hexanone	10.65	43	10362	2.851 ug/L	#	95
49) Dibromochloromethane	10.80	129	3054	0.288 ug/L		77
50) 1,2-Dibromoethane	10.90	107	2531	0.300 ug/L	#	89
51) Chlorobenzene	11.33	112	16269	0.284 ug/L		89
52) Ethylbenzene	11.41	91	23164	0.207 ug/L		94
53) m,p-Xylene	11.52	106	7486	0.187 ug/L		91
54) o-Xylene	11.84	106	7555	0.191 ug/L		87
55) Styrene	11.86	104	9011	0.159 ug/L	#	77
56) Isopropylbenzene	12.15	105	20736	0.186 ug/L		94
58) 1,1,2,2-Tetrachloroethane	12.40	83	3691	0.327 ug/L	#	57
59) 1,2,3-Trichloropropane	12.45	75	2181m	0.264 ug/L		
61) Bromoform	12.02	173	1594	0.371 ug/L	#	93
62) 1,3-Dichlorobenzene	13.18	146	10250	0.262 ug/L		91
63) 1,4-Dichlorobenzene	13.26	146	12014	0.309 ug/L		92
65) 1,2-Dichlorobenzene	13.55	146	9677	0.292 ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.16	75	516m	0.313 ug/L		
67) 1,3,5-Trichlorobenzene	14.30	180	8361	0.264 ug/L		97
68) 1,2,4-trichlorobenzene	14.81	180	4656	0.209 ug/L	#	91
69) Naphthalene	15.02	128	4250	0.143 ug/L	#	94
70) 1,2,3-Trichlorobenzene	15.20	180	4949	0.250 ug/L	#	88

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

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