Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091719\
Data File : VR026644.D
Acq On : 17 Sep 2019 17:42
Operator : SY/MD
Sample : MDL04
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : MDL04

Manual Integrations APPROVED
MMDadoda
9/20/2019 12:41:53 AM

Quant Time: Sep 18 07:34:17 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	320721	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	266032	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	118122	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.19	65	49314	5.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.00%			
7) Chloroethane-d5	2.64	69	42464	5.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.00%			
11) 1,1-Dichloroethene-d2	3.65	63	86752	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	6.62	46	85790	44.89	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.78%			
24) Chloroform-d	7.23	84	163314	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	7.92	65	57137	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
32) Benzene-d6	7.88	84	302612	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	8.92	67	81550	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	9.99	98	210174	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.60%			
43) trans-1,3-Dichloropropene-	10.25	79	17723	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	10.61	63	58162	48.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.50%			
57) 1,1,2,2-Tetrachloroethane-	12.38	84	43346	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
64) 1,2-Dichlorobenzene-d4	13.53	152	64123	4.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.86	85	9709	0.268	ug/L	96
3) Chloromethane	2.07	50	5167m	0.273	ug/L	
5) Vinyl chloride	2.21	62	4990m	0.263	ug/L	
6) Bromomethane	2.55	94	3248	0.273	ug/L	90
8) Chloroethane	2.69	64	3084m	0.282	ug/L	
9) Trichlorofluoromethane	2.99	101	9510	0.290	ug/L #	35
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	4551m	0.316	ug/L	
12) 1,1-Dichloroethene	3.65	96	4211m	0.298	ug/L	
13) Acetone	3.75	43	5263	3.662	ug/L	99
14) Carbon disulfide	3.97	76	12421	0.205	ug/L #	87
15) Methyl Acetate	4.22	43	1798	0.298	ug/L	98
16) Methylene chloride	4.43	84	10402m	0.353	ug/L	
17) Methyl tert-butyl Ether	4.94	73	6393m	0.209	ug/L	
18) trans-1,2-Dichloroethene	4.91	96	6789	0.230	ug/L	80
19) 1,1-Dichloroethane	5.73	63	13158	0.237	ug/L	97
21) 2-Butanone	6.73	43	7300	2.780	ug/L	95
22) cis-1,2-Dichloroethene	6.70	96	6588	0.233	ug/L #	96

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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)
23) Bromochloromethane	7.09	128	2581m	0.328 ug/L		
25) Chloroform	7.25	83	19502	0.367 ug/L		87
27) 1,2-Dichloroethane	8.02	62	5313	0.284 ug/L	#	83
29) 1,1,1-Trichloroethane	7.46	97	10430	0.244 ug/L		92
30) Cyclohexane	7.54	56	5832	0.128 ug/L		87
31) Carbon tetrachloride	7.67	117	8725	0.241 ug/L		92
33) Benzene	7.93	78	26736	0.227 ug/L		100
34) Trichloroethene	8.73	95	8069	0.275 ug/L		85
35) Methylcyclohexane	8.98	83	7561	0.171 ug/L		89
37) 1,2-Dichloropropane	9.02	63	4949	0.208 ug/L	#	87
38) Bromodichloromethane	9.30	83	7095	0.280 ug/L	#	88
39) cis-1,3-Dichloropropene	9.73	75	4734m	0.187 ug/L		
40) 4-Methyl-2-pentanone	9.88	43	9343	1.566 ug/L	#	89
42) Toluene	10.05	91	24248	0.235 ug/L		97
44) trans-1,3-Dichloropropene	10.29	75	3979m	0.245 ug/L		
45) 1,1,2-Trichloroethane	10.46	97	2895	0.285 ug/L	#	69
47) Tetrachloroethene	10.52	164	4159	0.240 ug/L	#	76
48) 2-Hexanone	10.65	43	10277	2.710 ug/L	#	94
49) Dibromochloromethane	10.80	129	2950	0.267 ug/L		99
50) 1,2-Dibromoethane	10.91	107	2582	0.293 ug/L	#	66
51) Chlorobenzene	11.33	112	15268	0.255 ug/L	#	84
52) Ethylbenzene	11.41	91	21382	0.183 ug/L		89
53) m,p-Xylene	11.52	106	7581	0.181 ug/L		68
54) o-Xylene	11.84	106	6293	0.153 ug/L		89
55) Styrene	11.86	104	9395	0.159 ug/L		90
56) Isopropylbenzene	12.14	105	17809	0.153 ug/L		96
58) 1,1,2,2-Tetrachloroethane	12.40	83	2890	0.246 ug/L	#	93
59) 1,2,3-Trichloropropane	12.45	75	2439	0.283 ug/L	#	84
61) Bromoform	12.02	173	1510	0.327 ug/L	#	74
62) 1,3-Dichlorobenzene	13.18	146	9199	0.219 ug/L	#	76
63) 1,4-Dichlorobenzene	13.26	146	10593	0.254 ug/L		85
65) 1,2-Dichlorobenzene	13.55	146	11109	0.312 ug/L	#	82
66) 1,2-Dibromo-3-chloropropan	14.16	75	602m	0.339 ug/L		
67) 1,3,5-Trichlorobenzene	14.31	180	6775	0.199 ug/L	#	93
68) 1,2,4-trichlorobenzene	14.81	180	5068	0.211 ug/L		93
69) Naphthalene	15.02	128	4098	0.128 ug/L	#	67
70) 1,2,3-Trichlorobenzene	15.20	180	5158	0.243 ug/L		86

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

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