Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091319\
Data File : VR026637.D
Acq On : 13 Sep 2019 17:53
Operator : SY/MD
Sample : MDL03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : MDL03

Manual Integrations APPROVED
MMDadoda
9/16/2019 12:45:05 AM

Quant Time: Sep 14 07:12:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 14 06:49:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	337559	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	277635	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	120822	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.19	65	36781	3.97	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.40%			
7) Chloroethane-d5	2.65	69	38060	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	3.65	63	74981	2.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.40%#			
20) 2-Butanone-d5	6.61	46	103128	51.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.54%			
24) Chloroform-d	7.23	84	174793	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	7.91	65	61658	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.60%			
32) Benzene-d6	7.88	84	322240	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	8.92	67	90309	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	9.99	98	246048	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
43) trans-1,3-Dichloropropene-	10.26	79	18808	4.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%			
46) 2-Hexanone-d5	10.61	63	68584	54.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.02%			
57) 1,1,2,2-Tetrachloroethane-	12.38	84	46913	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	13.53	152	73472	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.86	85	11474m	0.301	ug/L	
3) Chloromethane	2.07	50	6833m	0.343	ug/L	
5) Vinyl chloride	2.19	62	6670m	0.334	ug/L	
6) Bromomethane	2.54	94	4564m	0.364	ug/L	
8) Chloroethane	2.68	64	3484m	0.303	ug/L	
9) Trichlorofluoromethane	2.99	101	10958m	0.317	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	5178	0.342	ug/L #	24
12) 1,1-Dichloroethene	3.66	96	5113	0.343	ug/L #	1
13) Acetone	3.73	43	5669	3.747	ug/L	91
14) Carbon disulfide	3.97	76	19892	0.312	ug/L #	94
15) Methyl Acetate	4.22	43	1823	0.287	ug/L #	78
16) Methylene chloride	4.43	84	13406m	0.433	ug/L	
17) Methyl tert-butyl Ether	4.92	73	8492m	0.264	ug/L	
18) trans-1,2-Dichloroethene	4.92	96	9094	0.292	ug/L	89
19) 1,1-Dichloroethane	5.71	63	16133	0.276	ug/L	97
21) 2-Butanone	6.73	43	8526m	3.085	ug/L	
22) cis-1,2-Dichloroethene	6.69	96	8454	0.284	ug/L #	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.08	128	3416	0.412 ug/L #	69
25) Chloroform	7.25	83	22925	0.410 ug/L	93
27) 1,2-Dichloroethane	8.02	62	6882	0.350 ug/L #	73
29) 1,1,1-Trichloroethane	7.46	97	11239	0.252 ug/L #	90
30) Cyclohexane	7.54	56	8687m	0.182 ug/L	
31) Carbon tetrachloride	7.66	117	9156	0.242 ug/L	85
33) Benzene	7.93	78	34648m	0.281 ug/L	
34) Trichloroethene	8.72	95	8877	0.289 ug/L	86
35) Methylcyclohexane	8.98	83	9432	0.204 ug/L	94
37) 1,2-Dichloropropane	9.02	63	7009	0.282 ug/L #	97
38) Bromodichloromethane	9.30	83	7514	0.284 ug/L #	92
39) cis-1,3-Dichloropropene	9.73	75	8412m	0.319 ug/L	
40) 4-Methyl-2-pentanone	9.88	43	13304	2.137 ug/L #	86
42) Toluene	10.05	91	33325	0.310 ug/L	94
44) trans-1,3-Dichloropropene	10.28	75	3642m	0.215 ug/L	
45) 1,1,2-Trichloroethane	10.46	97	3707	0.350 ug/L #	77
47) Tetrachloroethene	10.53	164	5028	0.278 ug/L	87
48) 2-Hexanone	10.65	43	10830	2.736 ug/L #	93
49) Dibromochloromethane	10.80	129	3708	0.321 ug/L	93
50) 1,2-Dibromoethane	10.91	107	2730	0.297 ug/L #	86
51) Chlorobenzene	11.33	112	20162	0.323 ug/L #	85
52) Ethylbenzene	11.41	91	27773	0.228 ug/L	98
53) m,p-Xylene	11.51	106	10038	0.230 ug/L	94
54) o-Xylene	11.84	106	9005	0.209 ug/L	92
55) Styrene	11.86	104	12434	0.201 ug/L	97
56) Isopropylbenzene	12.15	105	23388	0.192 ug/L #	94
58) 1,1,2,2-Tetrachloroethane	12.40	83	4021	0.328 ug/L #	92
59) 1,2,3-Trichloropropane	12.45	75	2809	0.312 ug/L #	79
61) Bromoform	12.03	173	1353	0.287 ug/L #	96
62) 1,3-Dichlorobenzene	13.18	146	11876	0.276 ug/L	96
63) 1,4-Dichlorobenzene	13.26	146	12857	0.301 ug/L #	83
65) 1,2-Dichlorobenzene	13.55	146	11591	0.318 ug/L #	83
66) 1,2-Dibromo-3-chloropropan	14.17	75	595	0.328 ug/L #	39
67) 1,3,5-Trichlorobenzene	14.31	180	10060	0.289 ug/L	94
68) 1,2,4-trichlorobenzene	14.80	180	7418	0.302 ug/L	90
69) Naphthalene	15.02	128	7153	0.219 ug/L	96
70) 1,2,3-Trichlorobenzene	15.20	180	6980	0.321 ug/L	97

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

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