Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091119\
Data File : VR026618.D
Acq On : 11 Sep 2019 13:10
Operator : SY/MD
Sample : MDL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : MDL01

Quant Time: Sep 12 09:03:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 12 08:46:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	448623	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	355339	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	157994	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.18	65	56439	4.07	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.40%			
7) Chloroethane-d5	2.64	69	52292	4.45	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.00%			
11) 1,1-Dichloroethene-d2	3.63	63	104145	3.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.60%			
20) 2-Butanone-d5	6.62	46	118696	39.37	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.74%			
24) Chloroform-d	7.23	84	210593	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
26) 1,2-Dichloroethane-d4	7.91	65	68707	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.20%			
32) Benzene-d6	7.88	84	427569	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.00%			
36) 1,2-Dichloropropane-d6	8.92	67	110435	4.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.40%			
41) Toluene-d8	9.99	98	319450	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.60%			
43) trans-1,3-Dichloropropene-	10.25	79	23589	3.67	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.40%			
46) 2-Hexanone-d5	10.61	63	78297	40.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.72%			
57) 1,1,2,2-Tetrachloroethane-	12.38	84	52118	4.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.00%			
64) 1,2-Dichlorobenzene-d4	13.53	152	90457	4.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.86	85	12998	0.286	ug/L	93
3) Chloromethane	2.07	50	7230	0.266	ug/L	90
5) Vinyl chloride	2.21	62	6793	0.264	ug/L	83
6) Bromomethane	2.53	94	4571m	0.309	ug/L	
8) Chloroethane	2.66	64	3956	0.272	ug/L	89
9) Trichlorofluoromethane	2.97	101	12109	0.313	ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	5418m	0.320	ug/L	
12) 1,1-Dichloroethene	3.65	96	5988	0.341	ug/L #	1
13) Acetone	3.72	43	4212	2.274	ug/L	86
14) Carbon disulfide	3.98	76	16686	0.238	ug/L #	92
15) Methyl Acetate	4.23	43	2396m	0.291	ug/L	
16) Methylene chloride	4.43	84	14467	0.392	ug/L	89
17) Methyl tert-butyl Ether	4.93	73	8960	0.203	ug/L #	71
18) trans-1,2-Dichloroethene	4.92	96	10331	0.273	ug/L	93
19) 1,1-Dichloroethane	5.72	63	20143	0.279	ug/L #	91
21) 2-Butanone	6.72	43	8484	2.217	ug/L	90
22) cis-1,2-Dichloroethene	6.71	96	9888	0.265	ug/L #	80

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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	2863	0.286 ug/L #	67
25) Chloroform	7.26	83	24506	0.369 ug/L	93
27) 1,2-Dichloroethane	8.01	62	7184	0.296 ug/L	96
29) 1,1,1-Trichloroethane	7.46	97	14357	0.267 ug/L	95
30) Cyclohexane	7.54	56	15072	0.236 ug/L	98
31) Carbon tetrachloride	7.65	117	11227	0.252 ug/L	91
33) Benzene	7.92	78	41674	0.265 ug/L	100
34) Trichloroethene	8.74	95	9754	0.251 ug/L	87
35) Methylcyclohexane	8.98	83	15803	0.271 ug/L	97
37) 1,2-Dichloropropane	9.01	63	8183	0.261 ug/L #	91
38) Bromodichloromethane	9.30	83	8091	0.250 ug/L	95
39) cis-1,3-Dichloropropene	9.73	75	8055m	0.236 ug/L	
40) 4-Methyl-2-pentanone	9.88	43	16954	1.890 ug/L #	91
42) Toluene	10.05	91	37701	0.268 ug/L	99
44) trans-1,3-Dichloropropene	10.28	75	5288m	0.249 ug/L	
45) 1,1,2-Trichloroethane	10.46	97	3737	0.285 ug/L	82
47) Tetrachloroethene	10.53	164	5790	0.265 ug/L	78
48) 2-Hexanone	10.65	43	13671	2.563 ug/L	96
49) Dibromochloromethane	10.80	129	3153	0.231 ug/L	81
50) 1,2-Dibromoethane	10.90	107	2963	0.270 ug/L #	84
51) Chlorobenzene	11.33	112	20218	0.267 ug/L	91
52) Ethylbenzene	11.41	91	36940	0.240 ug/L	97
53) m,p-Xylene	11.52	106	13859	0.246 ug/L	97
54) o-Xylene	11.84	106	12825	0.234 ug/L	87
55) Styrene	11.86	104	16015	0.212 ug/L	85
56) Isopropylbenzene	12.14	105	34252	0.224 ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.40	83	4217	0.283 ug/L #	94
59) 1,2,3-Trichloropropane	12.45	75	3420m	0.316 ug/L	
61) Bromoform	12.03	173	1337	0.230 ug/L #	66
62) 1,3-Dichlorobenzene	13.18	146	13050	0.243 ug/L	90
63) 1,4-Dichlorobenzene	13.26	146	14455	0.279 ug/L	96
65) 1,2-Dichlorobenzene	13.55	146	12740	0.284 ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.16	75	834m	0.365 ug/L	
67) 1,3,5-Trichlorobenzene	14.30	180	11058	0.255 ug/L #	86
68) 1,2,4-trichlorobenzene	14.80	180	8322	0.262 ug/L	92
69) Naphthalene	15.02	128	9669	0.216 ug/L #	92
70) 1,2,3-Trichlorobenzene	15.20	180	7201	0.270 ug/L	98

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

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