Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091119\
Data File : VR026619.D
Acq On : 11 Sep 2019 13:43
Operator : SY/MD
Sample : MDL02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : MDL02

Quant Time: Sep 12 09:07:20 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	430780	5.00	ug/L		0.00
28) Chlorobenzene-d5	11.30	117	337365	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	142268	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.19	65	58488	4.40	ug/L		0.02
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%				
7) Chloroethane-d5	2.65	69	53836	4.77	ug/L		0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%				
11) 1,1-Dichloroethene-d2	3.65	63	98718	3.14	ug/L		0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.80%				
20) 2-Butanone-d5	6.62	46	119378	41.24	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.48%				
24) Chloroform-d	7.23	84	204135	4.44	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%				
26) 1,2-Dichloroethane-d4	7.91	65	68423	4.57	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%				
32) Benzene-d6	7.88	84	395014	4.13	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%				
36) 1,2-Dichloropropane-d6	8.92	67	107315	4.17	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.40%				
41) Toluene-d8	9.99	98	307262	4.24	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.80%				
43) trans-1,3-Dichloropropene-	10.25	79	22067	3.62	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.40%				
46) 2-Hexanone-d5	10.61	63	73037	39.66	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.32%				
57) 1,1,2,2-Tetrachloroethane-	12.38	84	49120	4.07	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.40%				
64) 1,2-Dichlorobenzene-d4	13.53	152	86893	4.62	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.86	85	13470	0.309	ug/L	#	85
3) Chloromethane	2.06	50	8613	0.330	ug/L		99
5) Vinyl chloride	2.20	62	7581m	0.307	ug/L		
6) Bromomethane	2.55	94	5304	0.374	ug/L		89
8) Chloroethane	2.68	64	4690m	0.336	ug/L		
9) Trichlorofluoromethane	2.96	101	12797m	0.344	ug/L		
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	6436m	0.396	ug/L		
12) 1,1-Dichloroethene	3.64	96	4942	0.293	ug/L	#	1
13) Acetone	3.72	43	5947m	3.343	ug/L		
14) Carbon disulfide	3.97	76	24564	0.365	ug/L		99
15) Methyl Acetate	4.23	43	2736	0.346	ug/L	#	75
16) Methylene chloride	4.43	84	13112	0.370	ug/L	#	84
17) Methyl tert-butyl Ether	4.92	73	9759m	0.230	ug/L		
18) trans-1,2-Dichloroethene	4.90	96	11410	0.314	ug/L		74
19) 1,1-Dichloroethane	5.72	63	18823	0.272	ug/L		98
21) 2-Butanone	6.73	43	10283	2.799	ug/L		91
22) cis-1,2-Dichloroethene	6.70	96	10165	0.284	ug/L	#	87

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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)
23) Bromochloromethane	7.08	128	2571	0.267 ug/L #	18
25) Chloroform	7.26	83	25122	0.394 ug/L	87
27) 1,2-Dichloroethane	8.01	62	6275	0.269 ug/L #	73
29) 1,1,1-Trichloroethane	7.45	97	12256	0.240 ug/L #	85
30) Cyclohexane	7.54	56	14540	0.239 ug/L	95
31) Carbon tetrachloride	7.66	117	11592	0.274 ug/L	90
33) Benzene	7.93	78	41221	0.276 ug/L	100
34) Trichloroethene	8.73	95	9436	0.256 ug/L	85
35) Methylcyclohexane	8.97	83	14482	0.261 ug/L	93
37) 1,2-Dichloropropane	9.01	63	7739	0.260 ug/L #	87
38) Bromodichloromethane	9.30	83	7158	0.233 ug/L	95
39) cis-1,3-Dichloropropene	9.73	75	8644	0.267 ug/L	99
40) 4-Methyl-2-pentanone	9.88	43	17247	2.025 ug/L #	88
42) Toluene	10.06	91	34157	0.256 ug/L	93
44) trans-1,3-Dichloropropene	10.28	75	6534m	0.325 ug/L	
45) 1,1,2-Trichloroethane	10.46	97	3422	0.275 ug/L	94
47) Tetrachloroethene	10.53	164	6670	0.322 ug/L	84
48) 2-Hexanone	10.65	43	14523	2.868 ug/L	90
49) Dibromochloromethane	10.80	129	3528	0.272 ug/L	87
50) 1,2-Dibromoethane	10.91	107	3023	0.290 ug/L #	95
51) Chlorobenzene	11.33	112	20006	0.278 ug/L	97
52) Ethylbenzene	11.41	91	36033	0.246 ug/L	91
53) m,p-Xylene	11.52	106	13571	0.253 ug/L	90
54) o-Xylene	11.84	106	12602	0.242 ug/L	62
55) Styrene	11.86	104	15918	0.221 ug/L	80
56) Isopropylbenzene	12.15	105	36836	0.254 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.40	83	4381	0.309 ug/L #	97
59) 1,2,3-Trichloropropane	12.46	75	3347m	0.326 ug/L	
61) Bromoform	12.03	173	1560	0.299 ug/L #	78
62) 1,3-Dichlorobenzene	13.18	146	13128	0.271 ug/L	93
63) 1,4-Dichlorobenzene	13.26	146	13935	0.299 ug/L	96
65) 1,2-Dichlorobenzene	13.55	146	12283	0.304 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.16	75	547	0.266 ug/L #	78
67) 1,3,5-Trichlorobenzene	14.31	180	12084	0.309 ug/L	97
68) 1,2,4-trichlorobenzene	14.80	180	8256	0.289 ug/L	98
69) Naphthalene	15.01	128	8952	0.223 ug/L #	94
70) 1,2,3-Trichlorobenzene	15.20	180	6953	0.290 ug/L #	96

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

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