Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091119\
Data File : VR026620.D
Acq On : 11 Sep 2019 14:15
Operator : SY/MD
Sample : MDL03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : MDL03

Quant Time: Sep 12 09:12:00 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	420726	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	330352	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	144392	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.19	65	58639	4.51	ug/L	0.02
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.20%			
7) Chloroethane-d5	2.65	69	53626	4.86	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	3.64	63	98697	3.21	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.20%			
20) 2-Butanone-d5	6.62	46	121038	42.81	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.62%			
24) Chloroform-d	7.23	84	206368	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
26) 1,2-Dichloroethane-d4	7.91	65	68968	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	7.88	84	418626	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	8.92	67	106654	4.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.60%			
41) Toluene-d8	9.99	98	305064	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	10.25	79	22657	3.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.00%			
46) 2-Hexanone-d5	10.61	63	76160	42.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.46%			
57) 1,1,2,2-Tetrachloroethane-	12.37	84	50999	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.40%			
64) 1,2-Dichlorobenzene-d4	13.53	152	92757	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.86	85	14730	0.346	ug/L	98
3) Chloromethane	2.06	50	9005	0.354	ug/L	85
5) Vinyl chloride	2.18	62	8619	0.358	ug/L #	39
6) Bromomethane	2.54	94	5217	0.376	ug/L	89
8) Chloroethane	2.67	64	5346	0.392	ug/L #	74
9) Trichlorofluoromethane	2.99	101	14071	0.388	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.70	101	6601m	0.416	ug/L	
12) 1,1-Dichloroethene	3.66	96	4945	0.300	ug/L #	1
13) Acetone	3.74	43	5791	3.334	ug/L	86
14) Carbon disulfide	3.97	76	13518m	0.205	ug/L	
15) Methyl Acetate	4.22	43	2192m	0.284	ug/L	
16) Methylene chloride	4.43	84	11688	0.338	ug/L	88
17) Methyl tert-butyl Ether	4.93	73	10943	0.264	ug/L #	68
18) trans-1,2-Dichloroethene	4.91	96	11155	0.314	ug/L	90
19) 1,1-Dichloroethane	5.72	63	21621	0.320	ug/L #	88
21) 2-Butanone	6.72	43	11915	3.321	ug/L	92
22) cis-1,2-Dichloroethene	6.70	96	11515	0.329	ug/L #	78

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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	4280	0.456 ug/L #	63
25) Chloroform	7.25	83	25517	0.410 ug/L	94
27) 1,2-Dichloroethane	8.01	62	7399	0.325 ug/L #	85
29) 1,1,1-Trichloroethane	7.46	97	14381	0.288 ug/L	98
30) Cyclohexane	7.54	56	16473	0.277 ug/L	98
31) Carbon tetrachloride	7.65	117	11424	0.276 ug/L	94
33) Benzene	7.93	78	42990m	0.294 ug/L	
34) Trichloroethene	8.73	95	11219	0.311 ug/L	89
35) Methylcyclohexane	8.98	83	14469	0.266 ug/L	93
37) 1,2-Dichloropropane	9.02	63	9624	0.330 ug/L #	96
38) Bromodichloromethane	9.30	83	8437	0.280 ug/L #	82
39) cis-1,3-Dichloropropene	9.73	75	8244	0.260 ug/L	94
40) 4-Methyl-2-pentanone	9.88	43	18183	2.180 ug/L #	90
42) Toluene	10.05	91	39286	0.301 ug/L	96
44) trans-1,3-Dichloropropene	10.27	75	5071m	0.257 ug/L	
45) 1,1,2-Trichloroethane	10.46	97	3670	0.301 ug/L	95
47) Tetrachloroethene	10.53	164	6914	0.341 ug/L	81
48) 2-Hexanone	10.65	43	14248	2.874 ug/L	94
49) Dibromochloromethane	10.80	129	4360	0.343 ug/L	87
50) 1,2-Dibromoethane	10.91	107	3112	0.305 ug/L #	73
51) Chlorobenzene	11.33	112	21684	0.308 ug/L	93
52) Ethylbenzene	11.41	91	40435	0.282 ug/L	92
53) m,p-Xylene	11.52	106	14613	0.279 ug/L	78
54) o-Xylene	11.84	106	13238	0.259 ug/L	95
55) Styrene	11.86	104	18433	0.262 ug/L	93
56) Isopropylbenzene	12.15	105	37086	0.261 ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.39	83	4102	0.296 ug/L #	96
59) 1,2,3-Trichloropropane	12.45	75	3446	0.343 ug/L #	61
61) Bromoform	12.02	173	1609m	0.303 ug/L	
62) 1,3-Dichlorobenzene	13.18	146	14146	0.288 ug/L	90
63) 1,4-Dichlorobenzene	13.26	146	14993	0.317 ug/L	90
65) 1,2-Dichlorobenzene	13.55	146	15227	0.371 ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.16	75	721m	0.346 ug/L	
67) 1,3,5-Trichlorobenzene	14.31	180	12528	0.316 ug/L	95
68) 1,2,4-trichlorobenzene	14.81	180	8852	0.305 ug/L	96
69) Naphthalene	15.02	128	9014	0.221 ug/L #	93
70) 1,2,3-Trichlorobenzene	15.20	180	7189	0.295 ug/L #	91

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

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