Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091319\
Data File : VR026635.D
Acq On : 13 Sep 2019 16:48
Operator : SY/MD
Sample : MDL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_R
ClientSampleId : MDL01

Manual Integrations APPROVED
MMDadoda
9/16/2019 12:45:00 AM

Quant Time: Sep 14 07:05:21 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	339924	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	265963	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	113881	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.18	65	39963	4.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.60%			
7) Chloroethane-d5	2.63	69	37253	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.20%			
11) 1,1-Dichloroethene-d2	3.63	63	77255	2.99	ug/L	-0.02
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.80%#			
20) 2-Butanone-d5	6.61	46	97260	48.01	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.02%			
24) Chloroform-d	7.22	84	167731	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	7.91	65	57537	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	7.88	84	308267	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	8.92	67	86162	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	9.98	98	227887	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	10.25	79	17870	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	10.60	63	59926	49.72	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.44%			
57) 1,1,2,2-Tetrachloroethane-	12.37	84	44644	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	13.53	152	72644	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	11091	0.289	ug/L	98
3) Chloromethane	2.07	50	5923m	0.295	ug/L	
5) Vinyl chloride	2.18	62	6521	0.324	ug/L	93
6) Bromomethane	2.52	94	3967	0.314	ug/L	85
8) Chloroethane	2.67	64	3881	0.335	ug/L	84
9) Trichlorofluoromethane	2.96	101	12469m	0.359	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	5087m	0.334	ug/L	
12) 1,1-Dichloroethene	3.66	96	5227m	0.349	ug/L	
13) Acetone	3.73	43	6267	4.114	ug/L	93
14) Carbon disulfide	3.97	76	14213	0.221	ug/L	99
15) Methyl Acetate	4.22	43	2181m	0.341	ug/L	
16) Methylene chloride	4.43	84	12821	0.411	ug/L	93
17) Methyl tert-butyl Ether	4.93	73	8549	0.264	ug/L #	87
18) trans-1,2-Dichloroethene	4.92	96	8767	0.280	ug/L #	59
19) 1,1-Dichloroethane	5.71	63	15307	0.261	ug/L #	89
21) 2-Butanone	6.72	43	9401	3.378	ug/L	81
22) cis-1,2-Dichloroethene	6.70	96	7942	0.264	ug/L #	87

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 14 06:49:16 2019
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	7.07	128	3006	0.360 ug/L	#	75
25) Chloroform	7.25	83	20994	0.373 ug/L		84
27) 1,2-Dichloroethane	8.01	62	5512	0.278 ug/L	#	71
29) 1,1,1-Trichloroethane	7.45	97	11117	0.260 ug/L	#	91
30) Cyclohexane	7.54	56	9079	0.199 ug/L		95
31) Carbon tetrachloride	7.67	117	10032	0.277 ug/L		96
33) Benzene	7.93	78	35554m	0.301 ug/L		
34) Trichloroethene	8.74	95	8797	0.299 ug/L		94
35) Methylcyclohexane	8.97	83	10108	0.229 ug/L		89
37) 1,2-Dichloropropane	9.01	63	7252	0.305 ug/L	#	89
38) Bromodichloromethane	9.30	83	6936	0.274 ug/L	#	96
39) cis-1,3-Dichloropropene	9.73	75	5375m	0.213 ug/L		
40) 4-Methyl-2-pentanone	9.89	43	12457	2.088 ug/L	#	91
42) Toluene	10.05	91	29911	0.290 ug/L		89
44) trans-1,3-Dichloropropene	10.28	75	5314	0.328 ug/L	#	59
45) 1,1,2-Trichloroethane	10.46	97	3355	0.331 ug/L	#	77
47) Tetrachloroethene	10.52	164	5194	0.299 ug/L		90
48) 2-Hexanone	10.65	43	11435	3.016 ug/L	#	97
49) Dibromochloromethane	10.80	129	3310m	0.299 ug/L		
50) 1,2-Dibromoethane	10.91	107	2420	0.275 ug/L	#	74
51) Chlorobenzene	11.33	112	18962	0.317 ug/L		94
52) Ethylbenzene	11.41	91	28593	0.245 ug/L		91
53) m,p-Xylene	11.52	106	9774	0.234 ug/L		86
54) o-Xylene	11.84	106	8408	0.204 ug/L		93
55) Styrene	11.86	104	11976	0.203 ug/L		95
56) Isopropylbenzene	12.14	105	24854	0.213 ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.40	83	3945	0.336 ug/L	#	92
59) 1,2,3-Trichloropropane	12.45	75	3451	0.400 ug/L		95
61) Bromoform	12.02	173	1143	0.257 ug/L	#	30
62) 1,3-Dichlorobenzene	13.18	146	11431	0.282 ug/L	#	82
63) 1,4-Dichlorobenzene	13.26	146	12321	0.306 ug/L		97
65) 1,2-Dichlorobenzene	13.54	146	10604	0.309 ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.16	75	645	0.377 ug/L	#	73
67) 1,3,5-Trichlorobenzene	14.31	180	9850	0.300 ug/L	#	91
68) 1,2,4-trichlorobenzene	14.81	180	6254	0.270 ug/L		95
69) Naphthalene	15.02	128	5025	0.163 ug/L	#	78
70) 1,2,3-Trichlorobenzene	15.20	180	6532	0.319 ug/L		95

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

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