Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101019\
Data File : VX013000.D
Acq On : 10 Oct 2019 16:53
Operator : JC/SP
Sample : K5111-07 0.2PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:41 PM

Quant Time: Oct 11 09:43:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:36:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	161472	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	277540	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	242784	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100374	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	107088	53.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.12%				
35) Dibromofluoromethane	5.49	113	79931	50.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.36%				
50) Toluene-d8	8.71	98	304142	48.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.90%				
62) 4-Bromofluorobenzene	11.14	95	106852	44.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.52%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	341	0.207	ug/l		100
3) Chloromethane	1.32	50	550	0.307	ug/l		99
5) Bromomethane	1.64	94	448	0.583	ug/l	#	66
6) Chloroethane	1.73	64	3573	3.283	ug/l	#	60
7) Trichlorofluoromethane	1.93	101	557	0.223	ug/l		100
8) Diethyl Ether	2.18	74	266	0.264	ug/l	#	47
11) Tert butyl alcohol	3.01	59	2809	5.250	ug/l	#	72
12) 1,1-Dichloroethene	2.36	96	417	0.256	ug/l	#	37
13) Acrolein	2.28	56	325	0.855	ug/l	#	77
14) Allyl chloride	2.73	41	618	0.213	ug/l		95
15) Acrylonitrile	3.13	53	904	0.892	ug/l		95
16) Acetone	2.44	43	1362	1.280	ug/l	#	83
17) Carbon Disulfide	2.57	76	1023	0.220	ug/l	#	75
18) Methyl Acetate	2.76	43	739	0.293	ug/l	#	73
19) Methyl tert-butyl Ether	3.19	73	1247	0.221	ug/l	#	76
20) Methylene Chloride	2.85	84	884	0.452	ug/l	#	69
21) trans-1,2-Dichloroethene	3.16	96	614	0.351	ug/l		94
23) Vinyl Acetate	3.81	43	3492	0.726	ug/l	#	86
25) 2-Butanone	4.67	43	1540	1.043	ug/l	#	77
26) 2,2-Dichloropropane	4.58	77	556m	0.211	ug/l		
27) cis-1,2-Dichloroethene	4.58	96	770m	0.382	ug/l		
29) Tetrahydrofuran	5.13	42	933m	1.027	ug/l		
30) Chloroform	5.21	83	951	0.296	ug/l	#	77
31) Cyclohexane	5.56	56	783	0.267	ug/l	#	55
37) Ethyl Acetate	4.85	43	591m	0.217	ug/l		
39) Methylcyclohexane	7.45	83	774	0.262	ug/l	#	72
40) Benzene	6.14	78	1602	0.222	ug/l	#	85
42) 1,2-Dichloroethane	6.19	62	605	0.234	ug/l	#	73
44) Trichloroethene	7.22	130	460	0.230	ug/l		78
45) 1,2-Dichloropropane	7.51	63	408	0.222	ug/l	#	44
48) Methyl methacrylate	7.78	41	430m	0.201	ug/l		
49) 1,4-Dioxane	7.76	88	40	0.775	ug/l	#	70
51) 4-Methyl-2-Pentanone	8.64	43	2673	0.979	ug/l		91
52) Toluene	8.78	92	986	0.214	ug/l		94

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) cis-1,3-Dichloropropene	8.43	75	604	0.206	ug/l		96
58) 2-Chloroethyl Vinyl ether	8.31	63	996	0.743	ug/l	#	81
59) 2-Hexanone	9.50	43	1692	0.796	ug/l		99
64) Tetrachloroethene	9.33	164	465	0.276	ug/l	#	77
65) Chlorobenzene	10.14	112	1054	0.219	ug/l	#	80
67) Ethyl Benzene	10.25	91	1730	0.202	ug/l	#	79
68) m/p-Xylenes	10.35	106	1241	0.388	ug/l		94
73) Isopropylbenzene	11.01	105	1632	0.221	ug/l		92
75) 1,1,2,2-Tetrachloroethane	11.26	83	553	0.225	ug/l	#	92
76) 1,2,3-Trichloropropane	11.29	75	449m	0.202	ug/l		
77) Bromobenzene	11.26	156	472	0.271	ug/l		79
88) 1,4-Dichlorobenzene	12.09	146	764m	0.234	ug/l		
91) 1,2-Dichlorobenzene	12.39	146	704	0.222	ug/l		94

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

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