Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101419\
Data File : VN058746.D
Acq On : 14 Oct 2019 13:58
Operator : JC/SP
Sample : K5111-07 0.2PPB LOD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
10/16/2019 12:56:48 AM

Quant Time: Oct 15 03:44:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	346621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	569767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	507371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	204759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	238307	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.22%			
35) Dibromofluoromethane	7.57	113	168715	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.88%			
50) Toluene-d8	10.08	98	620509	44.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.18%			
62) 4-Bromofluorobenzene	12.41	95	206183	38.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.40%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	1442	0.281	ug/l	96
5) Bromomethane	2.56	94	952m	0.306	ug/l	
6) Chloroethane	2.68	64	832m	0.264	ug/l	
11) Tert butyl alcohol	4.78	59	576m	0.733	ug/l	
13) Acrolein	3.59	56	720m	1.139	ug/l	
15) Acrylonitrile	4.98	53	1171	0.591	ug/l #	43
16) Acetone	3.81	43	2179	1.085	ug/l	94
17) Carbon Disulfide	4.04	76	2493	0.234	ug/l #	75
18) Methyl Acetate	4.32	43	2331m	0.457	ug/l	
20) Methylene Chloride	4.54	84	878	0.209	ug/l #	86
23) Vinyl Acetate	5.89	43	6835	0.649	ug/l #	75
25) 2-Butanone	6.82	43	2714	0.935	ug/l	94
26) 2,2-Dichloropropane	6.81	77	1914	0.282	ug/l #	55
27) cis-1,2-Dichloroethene	6.81	96	895m	0.206	ug/l	
29) Tetrahydrofuran	7.21	42	1387	0.739	ug/l #	47
30) Chloroform	7.35	83	2169	0.290	ug/l #	79
31) Cyclohexane	7.65	56	9274	1.303	ug/l #	27
37) Ethyl Acetate	6.90	43	1617m	0.278	ug/l	
42) 1,2-Dichloroethane	8.11	62	1568	0.247	ug/l #	78
49) 1,4-Dioxane	9.19	88	61	0.876	ug/l #	4
51) 4-Methyl-2-Pentanone	9.98	43	4273	0.767	ug/l	89
53) t-1,3-Dichloropropene	10.38	75	1737	0.265	ug/l #	36
55) 1,1,2-Trichloroethane	10.55	97	1013m	0.245	ug/l	
58) 2-Chloroethyl Vinyl ether	9.69	63	1808	0.620	ug/l #	87
59) 2-Hexanone	10.75	43	3904	0.906	ug/l	74
68) m/p-Xylenes	11.62	106	1989	0.289	ug/l	92
74) N-amyl acetate	12.07	43	1369	0.206	ug/l #	59
76) 1,2,3-Trichloropropane	12.56	75	1708m	0.380	ug/l	
81) trans-1,4-Dichloro-2-buten	12.31	75	410m	0.244	ug/l	
94) Hexachlorobutadiene	15.01	225	437	0.210	ug/l #	38
95) Naphthalene	15.14	128	2601	0.229	ug/l #	77

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

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