Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081221\
Data File : BN015864.D
Acq On : 12 Aug 2021 16:27
Operator : CG/JU
Sample : M1458-07
Misc : LOD-MDL-WATER 0.1ng
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

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8/13/2021 5:13:26 PM

Quant Time: Aug 12 17:02:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 16:19:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	7380	0.400	ng		0.00
7) Naphthalene-d8	10.723	136	35484	0.400	ng	#	0.00
13) Acenaphthene-d10	14.560	164	20540	0.400	ng		0.01
19) Phenanthrene-d10	17.297	188	42475	0.400	ng		0.00
29) Chrysene-d12	21.503	240	47457	0.400	ng		0.01
35) Perylene-d12	23.929	264	44133	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	6881	0.377	ng		0.00
5) Phenol-d6	7.080	99	9116	0.368	ng		0.00
8) Nitrobenzene-d5	9.076	82	10032	0.338	ng		0.00
11) 2-Methylnaphthalene-d10	12.314	152	25596	0.448	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	2853	0.315	ng		0.00
15) 2-Fluorobiphenyl	13.177	172	29335	0.363	ng		0.00
27) Fluoranthene-d10	19.336	212	59132	0.452	ng		0.00
31) Terphenyl-d14	19.936	244	52007	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	335	0.115	ng		98
3) n-Nitrosodimethylamine	3.788	42	787	0.105	ng	#	95
6) bis(2-Chloroethyl)ether	7.347	93	2401	0.122	ng		99
9) Naphthalene	10.774	128	10623	0.116	ng		97
10) Hexachlorobutadiene	11.066	225	2903	0.116	ng	#	100
12) 2-Methylnaphthalene	12.385	142	7292	0.115	ng		99
16) Acenaphthylene	14.269	152	8623	0.104	ng		99
17) Acenaphthene	14.611	154	6168	0.108	ng		98
18) Fluorene	15.601	166	7750	0.108	ng		100
20) 4,6-Dinitro-2-methylph...	15.677	198	225m	0.055	ng		
21) 4-Bromophenyl-phenylether	16.494	248	2460	0.107	ng	#	92
22) Hexachlorobenzene	16.616	284	3361	0.112	ng		99
23) Atrazine	16.762	200	1877	0.099	ng		96
24) Pentachlorophenol	16.957	266	726	0.066	ng		99
25) Phenanthrene	17.346	178	13282m	0.114	ng		
26) Anthracene	17.431	178	11088	0.107	ng		99
28) Fluoranthene	19.366	202	15904	0.113	ng		98
30) Pyrene	19.728	202	15810	0.112	ng		100
32) Benzo(a)anthracene	21.482	228	15968	0.107	ng		99
33) Chrysene	21.535	228	16292	0.109	ng		100
34) Bis(2-ethylhexyl)phtha...	21.418	149	6251	0.101	ng		99
36) Indeno(1,2,3-cd)pyrene	26.445	276	15436	0.105	ng	#	93
37) Benzo(b)fluoranthene	23.190	252	16865m	0.111	ng		
38) Benzo(k)fluoranthene	23.238	252	16142	0.113	ng	#	94
39) Benzo(a)pyrene	23.823	252	15233	0.116	ng	#	88
40) Dibenzo(a,h)anthracene	26.466	278	12570	0.104	ng	#	78
41) Benzo(g,h,i)perylene	27.219	276	13413	0.105	ng		99

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

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