Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081021\
Data File : BN015841.D
Acq On : 10 Aug 2021 16:42
Operator : CG/JU
Sample : M1458-07
Misc : LOD-MDL-WATER 0.2ng
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 10 17:25:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 19:13:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	9505	0.400	ng		0.00
7) Naphthalene-d8	10.723	136	46863	0.400	ng		0.00
13) Acenaphthene-d10	14.560	164	27262	0.400	ng		0.00
19) Phenanthrene-d10	17.309	188	55700	0.400	ng		0.00
29) Chrysene-d12	21.503	240	61131	0.400	ng	#	0.01
35) Perylene-d12	23.932	264	57195	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.484	112	7330	0.296	ng		0.00
5) Phenol-d6	7.079	99	9588	0.286	ng		0.00
8) Nitrobenzene-d5	9.075	82	9363	0.255	ng		0.00
11) 2-Methylnaphthalene-d10	12.318	152	28641	0.381	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	3121	0.256	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	29040	0.265	ng		0.00
27) Fluoranthene-d10	19.340	212	63116	0.373	ng		0.00
31) Terphenyl-d14	19.941	244	50515	0.281	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	763	0.192	ng		93
3) n-Nitrosodimethylamine	3.778	42	1789	0.184	ng	#	99
6) bis(2-Chloroethyl)ether	7.347	93	5416	0.208	ng		99
9) Naphthalene	10.774	128	24488	0.199	ng		99
10) Hexachlorobutadiene	11.078	225	6505	0.205	ng	#	98
12) 2-Methylnaphthalene	12.389	142	16801	0.197	ng		99
16) Acenaphthylene	14.281	152	20682	0.178	ng		100
17) Acenaphthene	14.624	154	14574	0.189	ng		100
18) Fluorene	15.613	166	18201	0.187	ng		99
20) 4,6-Dinitro-2-methylph...	15.689	198	509	0.316	ng	#	74
21) 4-Bromophenyl-phenylether	16.494	248	5683	0.190	ng		92
22) Hexachlorobenzene	16.616	284	7721	0.200	ng		99
23) Atrazine	16.762	200	4488	0.171	ng		98
24) Pentachlorophenol	16.956	266	2540	0.172	ng		99
25) Phenanthrene	17.346	178	29286	0.188	ng		99
26) Anthracene	17.443	178	25934	0.184	ng		100
28) Fluoranthene	19.370	202	35374	0.189	ng		100
30) Pyrene	19.733	202	34932	0.181	ng		100
32) Benzo(a)anthracene	21.482	228	36889	0.186	ng		99
33) Chrysene	21.535	228	37247	0.187	ng		98
34) Bis(2-ethylhexyl)phtha...	21.418	149	13846	0.153	ng		99
36) Indeno(1,2,3-cd)pyrene	26.452	276	37596	0.192	ng		99
37) Benzo(b)fluoranthene	23.193	252	38486	0.193	ng		98
38) Benzo(k)fluoranthene	23.241	252	36237	0.195	ng		99
39) Benzo(a)pyrene	23.826	252	34294	0.198	ng	#	97
40) Dibenzo(a,h)anthracene	26.472	278	30508	0.191	ng	#	94
41) Benzo(g,h,i)perylene	27.222	276	32591	0.188	ng		99

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

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