Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110824\
Data File : BN034911.D
Acq On : 08 Nov 2024 16:41
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 08 17:33:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 15:02:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	6918	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	20568	0.400	ng		0.00
13) Acenaphthene-d10	14.201	164	9535	0.400	ng		-0.01
19) Phenanthrene-d10	16.957	188	18628	0.400	ng		0.00
29) Chrysene-d12	21.152	240	10911	0.400	ng		0.00
35) Perylene-d12	23.320	264	8319	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.192	112	6870	0.356	ng		0.00
5) Phenol-d6	6.752	99	9156	0.358	ng		0.00
8) Nitrobenzene-d5	8.707	82	5665	0.353	ng		0.00
11) 2-Methylnaphthalene-d10	11.935	152	9996	0.357	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	892	0.359	ng		0.00
15) 2-Fluorobiphenyl	12.822	172	14670	0.364	ng		-0.01
27) Fluoranthene-d10	18.987	212	15468	0.368	ng		0.00
31) Terphenyl-d14	19.601	244	8064	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.184	88	3296	0.377	ng		100
3) n-Nitrosodimethylamine	3.487	42	4559	0.387	ng		97
6) bis(2-Chloroethyl)ether	7.012	93	8180	0.370	ng		99
9) Naphthalene	10.383	128	21256	0.372	ng		100
10) Hexachlorobutadiene	10.682	225	3390	0.373	ng	#	98
12) 2-Methylnaphthalene	12.007	142	12653	0.362	ng		99
16) Acenaphthylene	13.923	152	16120	0.350	ng		100
17) Acenaphthene	14.265	154	11228	0.353	ng		99
18) Fluorene	15.259	166	14194	0.358	ng		99
20) 4,6-Dinitro-2-methylph...	15.334	198	627	0.381	ng		84
21) 4-Bromophenyl-phenylether	16.151	248	3581	0.361	ng	#	62
22) Hexachlorobenzene	16.262	284	4618	0.386	ng		99
23) Atrazine	16.436	200	2478	0.344	ng		96
24) Pentachlorophenol	16.610	266	1114	0.383	ng		96
25) Phenanthrene	16.995	178	22035	0.386	ng		100
26) Anthracene	17.082	178	18053	0.366	ng		99
28) Fluoranthene	19.015	202	22600	0.376	ng		99
30) Pyrene	19.382	202	22300	0.404	ng		100
32) Benzo(a)anthracene	21.134	228	16071	0.378	ng		99
33) Chrysene	21.187	228	17822	0.396	ng		99
34) Bis(2-ethylhexyl)phtha...	21.089	149	7872	0.322	ng		99
36) Indeno(1,2,3-cd)pyrene	25.472	276	13373	0.361	ng		98
37) Benzo(b)fluoranthene	22.671	252	15226	0.417	ng		99
38) Benzo(k)fluoranthene	22.712	252	15351	0.404	ng		97
39) Benzo(a)pyrene	23.224	252	11078	0.382	ng		95
40) Dibenzo(a,h)anthracene	25.490	278	10297	0.359	ng		98
41) Benzo(g,h,i)perylene	26.127	276	11290	0.371	ng		98

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

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