Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
Data File : BN023832.D
Acq On : 27 Jan 2023 10:11
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 30 02:25:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 02:24:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.876	152	4126	0.400	ng		0.00
7) Naphthalene-d8	10.680	136	11437	0.400	ng	#	0.00
13) Acenaphthene-d10	14.516	164	6616	0.400	ng		0.00
19) Phenanthrene-d10	17.265	188	15164	0.400	ng	#	0.00
29) Chrysene-d12	21.459	240	15127	0.400	ng		0.00
35) Perylene-d12	23.864	264	13172	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.428	112	3243	0.377	ng		0.00
5) Phenol-d6	7.038	99	3773	0.371	ng		0.00
8) Nitrobenzene-d5	9.035	82	3123	0.359	ng		0.00
11) 2-Methylnaphthalene-d10	12.272	152	5693	0.377	ng		0.00
14) 2,4,6-Tribromophenol	16.012	330	1046	0.361	ng		0.00
15) 2-Fluorobiphenyl	13.148	172	9118	0.346	ng		0.00
27) Fluoranthene-d10	19.300	212	13389	0.378	ng		0.00
31) Terphenyl-d14	19.899	244	10139	0.353	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	1603	0.369	ng		99
3) n-Nitrosodimethylamine	3.636	42	1627	0.353	ng		99
6) bis(2-Chloroethyl)ether	7.298	93	3889	0.378	ng		99
9) Naphthalene	10.733	128	10417	0.364	ng		100
10) Hexachlorobutadiene	11.011	225	2225	0.387	ng	#	100
12) 2-Methylnaphthalene	12.348	142	6746	0.368	ng		98
16) Acenaphthylene	14.238	152	8857	0.337	ng		100
17) Acenaphthene	14.581	154	6418	0.364	ng		99
18) Fluorene	15.564	166	8607	0.360	ng		100
20) 4,6-Dinitro-2-methylph...	15.650	198	806	0.368	ng	#	81
21) 4-Bromophenyl-phenylether	16.459	248	2861	0.339	ng		91
22) Hexachlorobenzene	16.570	284	3471	0.343	ng		97
23) Atrazine	16.732	200	2109	0.345	ng		97
24) Pentachlorophenol	16.918	266	1121	0.393	ng		99
25) Phenanthrene	17.303	178	14833	0.353	ng		100
26) Anthracene	17.402	178	11648	0.342	ng		99
28) Fluoranthene	19.329	202	16974	0.368	ng		99
30) Pyrene	19.692	202	17004	0.331	ng		99
32) Benzo(a)anthracene	21.441	228	15982	0.347	ng		99
33) Chrysene	21.495	228	18252	0.359	ng		99
34) Bis(2-ethylhexyl)phtha...	21.369	149	7420	0.356	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.338	276	19943	0.364	ng		96
37) Benzo(b)fluoranthene	23.128	252	17025	0.343	ng		98
38) Benzo(k)fluoranthene	23.174	252	17067	0.348	ng		98
39) Benzo(a)pyrene	23.750	252	12989	0.349	ng		97
40) Dibenzo(a,h)anthracene	26.358	278	16164	0.365	ng		98
41) Benzo(g,h,i)perylene	27.098	276	17264	0.367	ng		96

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

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