Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
Data File : BN025869.D
Acq On : 15 Jun 2023 22:58
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 16 01:47:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 01:41:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.998	152	5751	0.400	ng		0.00
7) Naphthalene-d8	10.814	136	14638	0.400	ng		0.00
13) Acenaphthene-d10	14.630	164	7328	0.400	ng		0.00
19) Phenanthrene-d10	17.381	188	14823	0.400	ng	#	0.00
29) Chrysene-d12	21.560	240	11002	0.400	ng		0.00
35) Perylene-d12	24.040	264	11042	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.549	112	5756	0.356	ng		0.01
5) Phenol-d6	7.160	99	6636	0.334	ng		0.00
8) Nitrobenzene-d5	9.170	82	4920	0.362	ng		0.01
11) 2-Methylnaphthalene-d10	12.400	152	7858	0.373	ng		0.00
14) 2,4,6-Tribromophenol	16.127	330	811	0.359	ng		0.00
15) 2-Fluorobiphenyl	13.262	172	12778	0.412	ng		0.00
27) Fluoranthene-d10	19.407	212	14121	0.463	ng		0.00
31) Terphenyl-d14	19.997	244	9106	0.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	2813	0.417	ng		96
3) n-Nitrosodimethylamine	3.737	42	2285	0.265	ng	#	95
6) bis(2-Chloroethyl)ether	7.420	93	6097	0.338	ng		99
9) Naphthalene	10.867	128	16351	0.374	ng		99
10) Hexachlorobutadiene	11.145	225	3163	0.470	ng	#	99
12) 2-Methylnaphthalene	12.472	142	10519	0.378	ng		98
16) Acenaphthylene	14.352	152	13858	0.393	ng		99
17) Acenaphthene	14.694	154	9337	0.403	ng		100
18) Fluorene	15.680	166	11938	0.401	ng		99
20) 4,6-Dinitro-2-methylph...	15.780	198	773	0.288	ng	#	52
21) 4-Bromophenyl-phenylether	16.562	248	3447	0.402	ng	#	85
22) Hexachlorobenzene	16.686	284	3537	0.481	ng		91
23) Atrazine	16.835	200	2733	0.391	ng		95
24) Pentachlorophenol	17.046	266	604	0.221	ng		97
25) Phenanthrene	17.418	178	18740	0.412	ng		100
26) Anthracene	17.517	178	16107	0.386	ng		100
28) Fluoranthene	19.435	202	20950	0.466	ng		99
30) Pyrene	19.797	202	21348	0.342	ng		100
32) Benzo(a)anthracene	21.542	228	16846	0.397	ng		99
33) Chrysene	21.596	228	20018	0.445	ng		98
34) Bis(2-ethylhexyl)phtha...	21.453	149	10862	0.429	ng		98
36) Indeno(1,2,3-cd)pyrene	26.639	276	21926	0.459	ng		98
37) Benzo(b)fluoranthene	23.280	252	20456	0.470	ng		99
38) Benzo(k)fluoranthene	23.329	252	19711	0.443	ng		97
39) Benzo(a)pyrene	23.932	252	17481	0.424	ng		96
40) Dibenzo(a,h)anthracene	26.662	278	17096	0.446	ng		97
41) Benzo(g,h,i)perylene	27.434	276	20585	0.480	ng		97

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

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