Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030939.D
Acq On : 15 Apr 2024 15:09
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Apr 15 17:14:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.653	152	3807	0.400	ng		0.00
7) Naphthalene-d8	10.432	136	11726	0.400	ng		0.00
13) Acenaphthene-d10	14.295	164	6944	0.400	ng		0.00
19) Phenanthrene-d10	17.040	188	15756	0.400	ng		0.00
29) Chrysene-d12	21.240	240	15066	0.400	ng		0.00
35) Perylene-d12	23.460	264	13935	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.248	112	14244	1.679	ng		0.00
5) Phenol-d6	6.823	99	17742	1.727	ng		0.00
8) Nitrobenzene-d5	8.798	82	13971	1.721	ng		0.00
11) 2-Methylnaphthalene-d10	12.024	152	30687	1.700	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	4555	1.690	ng		0.00
15) 2-Fluorobiphenyl	12.905	172	37792	1.619	ng		0.00
27) Fluoranthene-d10	19.079	212	73202	1.725	ng		0.00
31) Terphenyl-d14	19.683	244	58599	1.675	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	7246	1.548	ng		98
3) n-Nitrosodimethylamine	3.500	42	7590	1.732	ng		98
6) bis(2-Chloroethyl)ether	7.083	93	17571	1.730	ng		98
9) Naphthalene	10.474	128	54274	1.679	ng		98
10) Hexachlorobutadiene	10.763	225	10892	1.678	ng	#	100
12) 2-Methylnaphthalene	12.096	142	36708	1.708	ng		99
16) Acenaphthylene	14.006	152	53130	1.736	ng		100
17) Acenaphthene	14.348	154	36485	1.689	ng		99
18) Fluorene	15.342	166	49248	1.723	ng		99
20) 4,6-Dinitro-2-methylph...	15.428	198	3849	1.606	ng	#	57
21) 4-Bromophenyl-phenylether	16.233	248	15944	1.704	ng		93
22) Hexachlorobenzene	16.345	284	18300	1.674	ng		99
23) Atrazine	16.506	200	11860	1.751	ng		94
24) Pentachlorophenol	16.693	266	6704	1.599	ng		98
25) Phenanthrene	17.077	178	78765	1.694	ng		100
26) Anthracene	17.177	178	66937	1.739	ng		100
28) Fluoranthene	19.107	202	97431	1.747	ng		100
30) Pyrene	19.470	202	97371	1.665	ng		100
32) Benzo(a)anthracene	21.222	228	89739	1.710	ng		99
33) Chrysene	21.276	228	96558	1.692	ng		100
34) Bis(2-ethylhexyl)phtha...	21.160	149	38503	1.601	ng		98
36) Indeno(1,2,3-cd)pyrene	25.691	276	112743	1.739	ng		100
37) Benzo(b)fluoranthene	22.790	252	99279	1.727	ng	#	92
38) Benzo(k)fluoranthene	22.834	252	97934	1.739	ng	#	92
39) Benzo(a)pyrene	23.360	252	81734	1.708	ng	#	89
40) Dibenzo(a,h)anthracene	25.708	278	91031	1.754	ng		97
41) Benzo(g,h,i)perylene	26.372	276	97742	1.710	ng		99

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

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