Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030936.D
Acq On : 15 Apr 2024 13:20
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Apr 15 17:12:47 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	4515	0.400	ng		0.00
7) Naphthalene-d8	10.432	136	13544	0.400	ng		0.00
13) Acenaphthene-d10	14.295	164	7767	0.400	ng		0.00
19) Phenanthrene-d10	17.040	188	18226	0.400	ng		0.00
29) Chrysene-d12	21.240	240	16016	0.400	ng		0.00
35) Perylene-d12	23.460	264	16445	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.248	112	2052	0.204	ng		0.00
5) Phenol-d6	6.823	99	2316	0.190	ng		0.00
8) Nitrobenzene-d5	8.798	82	1777	0.190	ng		0.00
11) 2-Methylnaphthalene-d10	12.024	152	4133	0.198	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	534	0.177	ng		0.00
15) 2-Fluorobiphenyl	12.905	172	5478	0.210	ng		0.00
27) Fluoranthene-d10	19.075	212	9294	0.189	ng		0.00
31) Terphenyl-d14	19.684	244	7413	0.199	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	1222	0.220	ng		95
3) n-Nitrosodimethylamine	3.508	42	976	0.188	ng	#	95
6) bis(2-Chloroethyl)ether	7.083	93	2366	0.196	ng		99
9) Naphthalene	10.475	128	7575	0.203	ng		99
10) Hexachlorobutadiene	10.763	225	1567	0.209	ng	#	97
12) 2-Methylnaphthalene	12.100	142	4911	0.198	ng		99
16) Acenaphthylene	14.006	152	6435	0.188	ng		100
17) Acenaphthene	14.348	154	4860	0.201	ng		100
18) Fluorene	15.343	166	6256	0.196	ng		99
20) 4,6-Dinitro-2-methylph...	15.428	198	385	0.243	ng	#	48
21) 4-Bromophenyl-phenylether	16.234	248	2094	0.193	ng		96
22) Hexachlorobenzene	16.345	284	2517	0.199	ng		99
23) Atrazine	16.507	200	1410	0.180	ng		98
24) Pentachlorophenol	16.693	266	628	0.253	ng		96
25) Phenanthrene	17.078	178	10412	0.194	ng		99
26) Anthracene	17.177	178	8123	0.182	ng		99
28) Fluoranthene	19.107	202	12084	0.187	ng		100
30) Pyrene	19.474	202	12404	0.199	ng		100
32) Benzo(a)anthracene	21.222	228	10412	0.187	ng		100
33) Chrysene	21.276	228	12038	0.198	ng		100
34) Bis(2-ethylhexyl)phtha...	21.160	149	4825	0.189	ng		99
36) Indeno(1,2,3-cd)pyrene	25.691	276	14252	0.186	ng		99
37) Benzo(b)fluoranthene	22.791	252	12992	0.191	ng	#	93
38) Benzo(k)fluoranthene	22.834	252	12505	0.188	ng	#	93
39) Benzo(a)pyrene	23.361	252	10811	0.191	ng	#	88
40) Dibenzo(a,h)anthracene	25.706	278	11301	0.185	ng		96
41) Benzo(g,h,i)perylene	26.372	276	12734	0.189	ng		98

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

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