Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030941.D
Acq On : 15 Apr 2024 16:23
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Apr 15 17:14:54 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	3913	0.400	ng		0.00
7) Naphthalene-d8	10.432	136	11866	0.400	ng		0.00
13) Acenaphthene-d10	14.295	164	7056	0.400	ng		0.00
19) Phenanthrene-d10	17.040	188	15607	0.400	ng		0.00
29) Chrysene-d12	21.240	240	15666	0.400	ng		0.00
35) Perylene-d12	23.460	264	14069	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.241	112	44422	5.095	ng		0.00
5) Phenol-d6	6.823	99	58024	5.496	ng		0.00
8) Nitrobenzene-d5	8.798	82	44246	5.387	ng		0.00
11) 2-Methylnaphthalene-d10	12.024	152	94214	5.158	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	16381	5.983	ng		0.00
15) 2-Fluorobiphenyl	12.905	172	111718	4.710	ng		0.00
27) Fluoranthene-d10	19.079	212	228845	5.444	ng		0.00
31) Terphenyl-d14	19.683	244	176878	4.864	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	21178	4.402	ng		99
3) n-Nitrosodimethylamine	3.493	42	23095	5.126	ng	#	98
6) bis(2-Chloroethyl)ether	7.083	93	54194	5.190	ng		96
9) Naphthalene	10.474	128	163268	4.991	ng		98
10) Hexachlorobutadiene	10.763	225	31540	4.801	ng	#	100
12) 2-Methylnaphthalene	12.096	142	111646	5.132	ng		99
16) Acenaphthylene	14.006	152	173070	5.565	ng		100
17) Acenaphthene	14.348	154	112431	5.122	ng		98
18) Fluorene	15.342	166	150412	5.177	ng		99
20) 4,6-Dinitro-2-methylph...	15.428	198	14759	4.995	ng	#	47
21) 4-Bromophenyl-phenylether	16.233	248	48601	5.243	ng		94
22) Hexachlorobenzene	16.345	284	54606	5.043	ng		100
23) Atrazine	16.507	200	38658	5.762	ng		94
24) Pentachlorophenol	16.693	266	25062	4.991	ng		99
25) Phenanthrene	17.078	178	239839	5.207	ng		100
26) Anthracene	17.177	178	216477	5.678	ng		100
28) Fluoranthene	19.107	202	297810	5.390	ng		100
30) Pyrene	19.474	202	304865	5.013	ng		100
32) Benzo(a)anthracene	21.222	228	293487	5.378	ng		99
33) Chrysene	21.276	228	294566	4.965	ng		100
34) Bis(2-ethylhexyl)phtha...	21.160	149	143508	5.739	ng		98
36) Indeno(1,2,3-cd)pyrene	25.694	276	354357	5.415	ng		100
37) Benzo(b)fluoranthene	22.790	252	306813	5.285	ng	#	91
38) Benzo(k)fluoranthene	22.837	252	303378	5.337	ng	#	92
39) Benzo(a)pyrene	23.361	252	261037	5.403	ng	#	87
40) Dibenzo(a,h)anthracene	25.711	278	284479	5.430	ng		96
41) Benzo(g,h,i)perylene	26.375	276	305707	5.299	ng		98

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

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