Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012225\
Data File : BN036012.D
Acq On : 22 Jan 2025 12:13
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jan 23 00:27:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 00:26:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.817	152	1648	0.400	ng		0.00
7) Naphthalene-d8	10.611	136	3123	0.400	ng		0.00
13) Acenaphthene-d10	14.447	164	1581	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	3136	0.400	ng		0.00
29) Chrysene-d12	21.367	240	2848	0.400	ng		0.00
35) Perylene-d12	23.666	264	2976	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.391	112	1800	0.420	ng		0.00
5) Phenol-d6	6.972	99	2093	0.416	ng		0.00
8) Nitrobenzene-d5	8.956	82	1246	0.423	ng		0.00
11) 2-Methylnaphthalene-d10	12.198	152	1806	0.425	ng		0.00
14) 2,4,6-Tribromophenol	15.928	330	405	0.399	ng		0.00
15) 2-Fluorobiphenyl	13.068	172	3057	0.433	ng		0.00
27) Fluoranthene-d10	19.220	212	3484	0.429	ng		0.00
31) Terphenyl-d14	19.819	244	2482	0.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	773	0.420	ng		100
3) n-Nitrosodimethylamine	3.621	42	1446	0.433	ng		100
6) bis(2-Chloroethyl)ether	7.232	93	1740	0.429	ng		100
9) Naphthalene	10.654	128	3905	0.431	ng		100
10) Hexachlorobutadiene	10.953	225	1263	0.431	ng	#	100
12) 2-Methylnaphthalene	12.269	142	2372	0.421	ng		100
16) Acenaphthylene	14.169	152	3180	0.424	ng		100
17) Acenaphthene	14.511	154	2158	0.420	ng		100
18) Fluorene	15.495	166	2582	0.402	ng		100
20) 4,6-Dinitro-2-methylph...	15.555	198	298	0.408	ng		100
21) 4-Bromophenyl-phenylether	16.387	248	962	0.431	ng		100
22) Hexachlorobenzene	16.499	284	1276	0.434	ng		100
23) Atrazine	16.647	200	684	0.424	ng		100
24) Pentachlorophenol	16.834	266	513	0.403	ng		100
25) Phenanthrene	17.231	178	4082	0.433	ng		100
26) Anthracene	17.318	178	3608	0.421	ng		100
28) Fluoranthene	19.248	202	4727	0.427	ng		100
30) Pyrene	19.610	202	4821	0.418	ng		100
32) Benzo(a)anthracene	21.358	228	4281	0.414	ng		100
33) Chrysene	21.402	228	4399	0.417	ng		100
34) Bis(2-ethylhexyl)phtha...	21.295	149	2273	0.402	ng		100
36) Indeno(1,2,3-cd)pyrene	26.010	276	4823	0.404	ng		100
37) Benzo(b)fluoranthene	22.973	252	4454	0.412	ng		100
38) Benzo(k)fluoranthene	23.019	252	4423	0.406	ng		100
39) Benzo(a)pyrene	23.566	252	3759	0.407	ng		100
40) Dibenzo(a,h)anthracene	26.022	278	3838	0.403	ng		100
41) Benzo(g,h,i)perylene	26.724	276	4244	0.409	ng		100

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

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