Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041125\
Data File : BN036875.D
Acq On : 11 Apr 2025 13:17
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Apr 11 15:35:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 11 15:32:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	491	0.400	ng		0.00
7) Naphthalene-d8	10.426	136	1260	0.400	ng		0.00
13) Acenaphthene-d10	14.288	164	744	0.400	ng		0.00
19) Phenanthrene-d10	17.033	188	1575	0.400	ng		0.00
29) Chrysene-d12	21.233	240	1627	0.400	ng		0.00
35) Perylene-d12	23.456	264	1897	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	474	0.407	ng		0.00
5) Phenol-d6	6.817	99	588	0.396	ng		0.00
8) Nitrobenzene-d5	8.792	82	568	0.401	ng		0.00
11) 2-Methylnaphthalene-d10	12.021	152	748	0.407	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	136	0.378	ng		0.00
15) 2-Fluorobiphenyl	12.909	172	1498	0.416	ng		0.00
27) Fluoranthene-d10	19.073	212	1923	0.435	ng		0.00
31) Terphenyl-d14	19.681	244	1326	0.426	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.155	88	216	0.372	ng	#	78
3) n-Nitrosodimethylamine	3.473	42	532	0.416	ng	#	97
6) bis(2-Chloroethyl)ether	7.069	93	583	0.397	ng		100
9) Naphthalene	10.468	128	1474	0.403	ng		100
10) Hexachlorobutadiene	10.767	225	358	0.428	ng	#	100
12) 2-Methylnaphthalene	12.097	142	956	0.408	ng		100
16) Acenaphthylene	14.010	152	1407	0.407	ng		100
17) Acenaphthene	14.352	154	918	0.408	ng		100
18) Fluorene	15.346	166	1260	0.405	ng		100
20) 4,6-Dinitro-2-methylph...	15.432	198	150	0.407	ng		100
21) 4-Bromophenyl-phenylether	16.239	248	410	0.432	ng		100
22) Hexachlorobenzene	16.351	284	488	0.432	ng		100
23) Atrazine	16.512	200	414	0.444	ng		100
24) Pentachlorophenol	16.698	266	255	0.436	ng		100
25) Phenanthrene	17.083	178	2044	0.432	ng		100
26) Anthracene	17.170	178	1811	0.432	ng		100
28) Fluoranthene	19.105	202	2529	0.428	ng		100
30) Pyrene	19.467	202	2609	0.421	ng		100
32) Benzo(a)anthracene	21.215	228	2294	0.400	ng		100
33) Chrysene	21.269	228	2715	0.427	ng		100
34) Bis(2-ethylhexyl)phtha...	21.162	149	1665	0.384	ng		100
36) Indeno(1,2,3-cd)pyrene	25.687	276	3833	0.424	ng		100
37) Benzo(b)fluoranthene	22.790	252	2890	0.431	ng		100
38) Benzo(k)fluoranthene	22.833	252	2812	0.417	ng		100
39) Benzo(a)pyrene	23.357	252	2551	0.435	ng		100
40) Dibenzo(a,h)anthracene	25.702	278	3007	0.420	ng		100
41) Benzo(g,h,i)perylene	26.362	276	3425	0.420	ng		100

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

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