Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081225\
Data File : BN037581.D
Acq On : 12 Aug 2025 18:16
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 13 04:48:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 04:46:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	1885	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	4579	0.400	ng		0.00
13) Acenaphthene-d10	14.345	164	2311	0.400	ng		0.00
19) Phenanthrene-d10	17.086	188	4680	0.400	ng		0.00
29) Chrysene-d12	21.268	240	4185	0.400	ng	#	0.00
35) Perylene-d12	23.505	264	3775	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	3101	0.726	ng		0.00
5) Phenol-d6	6.879	99	3707	0.721	ng		0.00
8) Nitrobenzene-d5	8.854	82	2415	0.749	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	4517	0.726	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	739	0.731	ng		0.00
15) 2-Fluorobiphenyl	12.978	172	10405	0.778	ng		0.00
27) Fluoranthene-d10	19.118	212	8750	0.711	ng		0.00
31) Terphenyl-d14	19.726	244	6383	0.741	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1386	0.769	ng		96
3) n-Nitrosodimethylamine	3.535	42	1777	0.771	ng	#	96
6) bis(2-Chloroethyl)ether	7.139	93	3530	0.762	ng		98
9) Naphthalene	10.551	128	9265	0.760	ng		99
10) Hexachlorobutadiene	10.850	225	2321	0.779	ng	#	99
12) 2-Methylnaphthalene	12.166	142	5758	0.753	ng		98
16) Acenaphthylene	14.067	152	7638	0.737	ng		99
17) Acenaphthene	14.409	154	5336	0.757	ng		98
18) Fluorene	15.392	166	7030	0.763	ng		99
20) 4,6-Dinitro-2-methylph...	15.467	198	439	0.697	ng	#	75
21) 4-Bromophenyl-phenylether	16.292	248	2217	0.754	ng		95
22) Hexachlorobenzene	16.404	284	3105	0.745	ng		99
23) Atrazine	16.553	200	1251	0.752	ng		95
24) Pentachlorophenol	16.739	266	1061	0.725	ng		98
25) Phenanthrene	17.124	178	10654	0.749	ng		100
26) Anthracene	17.223	178	9251	0.734	ng		100
28) Fluoranthene	19.150	202	12088	0.740	ng		100
30) Pyrene	19.513	202	11747	0.751	ng		100
32) Benzo(a)anthracene	21.259	228	10489	0.750	ng		100
33) Chrysene	21.313	228	11541	0.741	ng		98
34) Bis(2-ethylhexyl)phtha...	21.205	149	4046	0.701	ng		100
36) Indeno(1,2,3-cd)pyrene	25.770	276	11835	0.744	ng		98
37) Benzo(b)fluoranthene	22.838	252	10811	0.756	ng		95
38) Benzo(k)fluoranthene	22.882	252	12288	0.761	ng	#	94
39) Benzo(a)pyrene	23.408	252	8737	0.736	ng	#	93
40) Dibenzo(a,h)anthracene	25.785	278	9175	0.743	ng		96
41) Benzo(g,h,i)perylene	26.454	276	9524	0.732	ng		98

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

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