Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
Data File : BN037006.D
Acq On : 13 May 2025 22:29
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN051424

Quant Time: May 14 11:28:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.618	152	1738	0.400	ng		0.00
7) Naphthalene-d8	10.404	136	4666	0.400	ng		0.00
13) Acenaphthene-d10	14.267	164	2720	0.400	ng		0.00
19) Phenanthrene-d10	17.009	188	5359	0.400	ng		0.00
29) Chrysene-d12	21.206	240	4597	0.400	ng		0.00
35) Perylene-d12	23.415	264	4432	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	1928	0.423	ng		0.00
5) Phenol-d6	6.795	99	2325	0.408	ng		0.00
8) Nitrobenzene-d5	8.771	82	1928	0.379	ng		0.00
11) 2-Methylnaphthalene-d10	11.996	152	2642	0.402	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	474	0.397	ng		0.00
15) 2-Fluorobiphenyl	12.888	172	5054	0.406	ng		0.00
27) Fluoranthene-d10	19.049	212	5648	0.384	ng		0.00
31) Terphenyl-d14	19.658	244	4080	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	868	0.407	ng		95
3) n-Nitrosodimethylamine	3.458	42	1788	0.390	ng	#	92
6) bis(2-Chloroethyl)ether	7.048	93	2010	0.383	ng		100
9) Naphthalene	10.447	128	5367	0.389	ng		99
10) Hexachlorobutadiene	10.735	225	1150	0.397	ng	#	99
12) 2-Methylnaphthalene	12.072	142	3513	0.396	ng		98
16) Acenaphthylene	13.989	152	5019	0.379	ng		100
17) Acenaphthene	14.331	154	3352	0.387	ng		100
18) Fluorene	15.325	166	4398	0.388	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	410	0.396	ng		88
21) 4-Bromophenyl-phenylether	16.214	248	1326	0.392	ng		98
22) Hexachlorobenzene	16.326	284	1488	0.411	ng		98
23) Atrazine	16.487	200	1120	0.379	ng		98
24) Pentachlorophenol	16.673	266	672	0.336	ng		93
25) Phenanthrene	17.058	178	6852	0.391	ng		99
26) Anthracene	17.145	178	6126	0.384	ng		99
28) Fluoranthene	19.082	202	7940	0.380	ng		99
30) Pyrene	19.444	202	8093	0.412	ng		100
32) Benzo(a)anthracene	21.189	228	6824	0.394	ng		98
33) Chrysene	21.242	228	7298	0.399	ng		98
34) Bis(2-ethylhexyl)phtha...	21.135	149	4120	0.387	ng		99
36) Indeno(1,2,3-cd)pyrene	25.623	276	7358	0.407	ng		98
37) Benzo(b)fluoranthene	22.752	252	7184	0.391	ng		99
38) Benzo(k)fluoranthene	22.798	252	7438	0.410	ng		99
39) Benzo(a)pyrene	23.319	252	6167	0.395	ng		98
40) Dibenzo(a,h)anthracene	25.640	278	5621	0.399	ng		98
41) Benzo(g,h,i)perylene	26.304	276	6268	0.409	ng		99

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

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