Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090925\
Data File : BN037671.D
Acq On : 09 Sep 2025 18:57
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Sep 10 01:51:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 10 01:49:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	5641	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	15448	0.400	ng		0.00
13) Acenaphthene-d10	14.494	164	7879	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	14357	0.400	ng		#-0.01
29) Chrysene-d12	21.420	240	12395	0.400	ng		0.00
35) Perylene-d12	23.747	264	12671	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	22622	1.566	ng		0.00
5) Phenol-d6	6.988	99	28412	1.566	ng		0.00
8) Nitrobenzene-d5	8.993	82	15144	1.591	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	33749	1.554	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	3435	1.568	ng		0.00
15) 2-Fluorobiphenyl	13.126	172	50907	1.643	ng		0.00
27) Fluoranthene-d10	19.271	212	56791	1.533	ng		0.00
31) Terphenyl-d14	19.870	244	41032	1.570	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	10100	1.650	ng		98
3) n-Nitrosodimethylamine	3.608	42	12635	1.639	ng	#	96
6) bis(2-Chloroethyl)ether	7.262	93	24987	1.628	ng		98
9) Naphthalene	10.701	128	68009	1.624	ng		99
10) Hexachlorobutadiene	11.000	225	12039	1.625	ng	#	99
12) 2-Methylnaphthalene	12.319	142	44325	1.636	ng		99
16) Acenaphthylene	14.216	152	60220	1.634	ng		100
17) Acenaphthene	14.559	154	39126	1.657	ng		99
18) Fluorene	15.547	166	47307	1.639	ng		98
20) 4,6-Dinitro-2-methylph...	15.609	198	1278	1.597	ng	#	24
21) 4-Bromophenyl-phenylether	16.441	248	15332	1.630	ng		95
22) Hexachlorobenzene	16.553	284	16225	1.632	ng		99
23) Atrazine	16.702	200	9570	1.629	ng		97
24) Pentachlorophenol	16.888	266	4631	1.390	ng		98
25) Phenanthrene	17.285	178	71705	1.634	ng		100
26) Anthracene	17.372	178	65397	1.607	ng		100
28) Fluoranthene	19.304	202	80527	1.633	ng		100
30) Pyrene	19.661	202	79936	1.617	ng		100
32) Benzo(a)anthracene	21.402	228	72170	1.630	ng		99
33) Chrysene	21.447	228	73490	1.637	ng		97
34) Bis(2-ethylhexyl)phtha...	21.357	149	18513	1.505	ng		100
36) Indeno(1,2,3-cd)pyrene	26.142	276	82705	1.722	ng		100
37) Benzo(b)fluoranthene	23.046	252	77545	1.660	ng		96
38) Benzo(k)fluoranthene	23.092	252	76278	1.659	ng		95
39) Benzo(a)pyrene	23.648	252	64218	1.651	ng		93
40) Dibenzo(a,h)anthracene	26.159	278	64354	1.781	ng	#	93
41) Benzo(g,h,i)perylene	26.867	276	72435	1.663	ng		97

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

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