Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092325\
Data File : BN037865.D
Acq On : 23 Sep 2025 14:38
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Sep 23 16:22:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:17:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	5367	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	15494	0.400	ng		0.00
13) Acenaphthene-d10	14.473	164	8404	0.400	ng		0.00
19) Phenanthrene-d10	17.223	188	15875	0.400	ng		0.00
29) Chrysene-d12	21.402	240	14963	0.400	ng		0.00
35) Perylene-d12	23.735	264	12917	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.391	112	19493	1.592	ng		0.00
5) Phenol-d6	6.973	99	26005	1.616	ng		0.00
8) Nitrobenzene-d5	8.971	82	19230	1.627	ng		0.00
11) 2-Methylnaphthalene-d10	12.217	152	34256	1.592	ng		0.00
14) 2,4,6-Tribromophenol	15.969	330	5471	1.613	ng		0.00
15) 2-Fluorobiphenyl	13.094	172	55598	1.616	ng		0.00
27) Fluoranthene-d10	19.252	212	63771	1.597	ng		0.00
31) Terphenyl-d14	19.852	244	47765	1.603	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	9123	1.674	ng		98
3) n-Nitrosodimethylamine	3.600	42	12048	1.662	ng	#	89
6) bis(2-Chloroethyl)ether	7.240	93	24687	1.653	ng		100
9) Naphthalene	10.679	128	69620	1.631	ng		98
10) Hexachlorobutadiene	10.978	225	11899	1.634	ng	#	100
12) 2-Methylnaphthalene	12.293	142	46704	1.675	ng		99
16) Acenaphthylene	14.195	152	64093	1.680	ng		100
17) Acenaphthene	14.537	154	45411	1.670	ng		97
18) Fluorene	15.522	166	55922	1.701	ng		100
20) 4,6-Dinitro-2-methylph...	15.597	198	3669	1.602	ng	#	64
21) 4-Bromophenyl-phenylether	16.416	248	17278	1.670	ng		98
22) Hexachlorobenzene	16.540	284	20548	1.638	ng		99
23) Atrazine	16.689	200	13043	1.656	ng		97
24) Pentachlorophenol	16.875	266	7393	1.718	ng		98
25) Phenanthrene	17.260	178	86207	1.650	ng		99
26) Anthracene	17.359	178	76744	1.693	ng		100
28) Fluoranthene	19.285	202	98772	1.717	ng		99
30) Pyrene	19.647	202	96189	1.628	ng		100
32) Benzo(a)anthracene	21.384	228	85145	1.628	ng		99
33) Chrysene	21.438	228	93309	1.650	ng		100
34) Bis(2-ethylhexyl)phtha...	21.330	149	31032	1.500	ng		98
36) Indeno(1,2,3-cd)pyrene	26.112	276	97476	1.652	ng		99
37) Benzo(b)fluoranthene	23.028	252	93525	1.679	ng	#	94
38) Benzo(k)fluoranthene	23.075	252	96868	1.728	ng	#	94
39) Benzo(a)pyrene	23.630	252	73009	1.657	ng	#	90
40) Dibenzo(a,h)anthracene	26.127	278	77237	1.676	ng		97
41) Benzo(g,h,i)perylene	26.835	276	78576	1.623	ng		98

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

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