Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070925\
Data File : BN037446.D
Acq On : 09 Jul 2025 19:26
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jul 10 00:28:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 10 00:27:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	2616	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	6842	0.400	ng	#	0.00
13) Acenaphthene-d10	14.366	164	3501	0.400	ng	#	0.00
19) Phenanthrene-d10	17.099	188	6283	0.400	ng	#	-0.01
29) Chrysene-d12	21.286	240	5092	0.400	ng	#	0.00
35) Perylene-d12	23.528	264	4996	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	5202	1.159	ng		0.00
5) Phenol-d6	6.894	99	6430	0.997	ng		0.00
8) Nitrobenzene-d5	8.875	82	3328	0.547	ng		0.00
11) 2-Methylnaphthalene-d10	12.111	152	6969	0.784	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	968	1.676	ng		-0.01
15) 2-Fluorobiphenyl	12.993	172	14787	0.737	ng		0.00
27) Fluoranthene-d10	19.136	212	11766	0.734	ng		0.00
31) Terphenyl-d14	19.740	244	8070	0.739	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	1997	0.750	ng	#	87
3) n-Nitrosodimethylamine	3.557	42	2315	0.589	ng	#	69
6) bis(2-Chloroethyl)ether	7.161	93	5362	0.814	ng		90
9) Naphthalene	10.562	128	13868	0.723	ng		100
10) Hexachlorobutadiene	10.872	225	2830	0.739	ng	#	100
12) 2-Methylnaphthalene	12.182	142	8913	0.765	ng		96
16) Acenaphthylene	14.078	152	12265	0.689	ng		100
17) Acenaphthene	14.430	154	7921	0.694	ng	#	93
18) Fluorene	15.414	166	10024	0.693	ng		93
20) 4,6-Dinitro-2-methylph...	15.478	198	350	0.624	ng	#	45
21) 4-Bromophenyl-phenylether	16.304	248	3010	0.742	ng	#	84
22) Hexachlorobenzene	16.416	284	3734	0.739	ng	#	88
23) Atrazine	16.578	200	1542	1.367	ng	#	91
24) Pentachlorophenol	16.751	266	1459	1.554	ng		97
25) Phenanthrene	17.148	178	14250	0.678	ng		99
26) Anthracene	17.235	178	13254	0.708	ng		99
28) Fluoranthene	19.164	202	16141	0.717	ng		100
30) Pyrene	19.527	202	15951	0.690	ng		99
32) Benzo(a)anthracene	21.268	228	13445	0.755	ng		98
33) Chrysene	21.322	228	14088	0.722	ng		99
34) Bis(2-ethylhexyl)phtha...	21.232	149	2888	0.685	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.806	276	14204	0.742	ng		97
37) Benzo(b)fluoranthene	22.856	252	13770	0.655	ng		96
38) Benzo(k)fluoranthene	22.902	252	13882	0.652	ng		97
39) Benzo(a)pyrene	23.429	252	11453	0.712	ng		96
40) Dibenzo(a,h)anthracene	25.826	278	11486	0.816	ng		93
41) Benzo(g,h,i)perylene	26.496	276	12314	0.731	ng		96

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

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