Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037959.D
Acq On : 30 Sep 2025 23:14
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 01 01:24:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	6962	0.400	ng		-0.01
7) Naphthalene-d8	10.616	136	22274	0.400	ng		-0.01
13) Acenaphthene-d10	14.462	164	11303	0.400	ng		-0.01
19) Phenanthrene-d10	17.211	188	22843	0.400	ng		#-0.01
29) Chrysene-d12	21.393	240	19389	0.400	ng		# 0.00
35) Perylene-d12	23.724	264	17270	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.377	112	5812	0.366	ng		0.00
5) Phenol-d6	6.966	99	7738	0.371	ng		0.00
8) Nitrobenzene-d5	8.961	82	5785	0.341	ng		-0.01
11) 2-Methylnaphthalene-d10	12.212	152	10669	0.345	ng		0.00
14) 2,4,6-Tribromophenol	15.957	330	1527	0.356	ng		-0.01
15) 2-Fluorobiphenyl	13.094	172	17524	0.379	ng		0.00
27) Fluoranthene-d10	19.248	212	20934	0.364	ng		0.00
31) Terphenyl-d14	19.847	244	15207	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	2786	0.394	ng		98
3) n-Nitrosodimethylamine	3.600	42	3486	0.371	ng	#	93
6) bis(2-Chloroethyl)ether	7.233	93	7620	0.393	ng		99
9) Naphthalene	10.669	128	23466	0.382	ng		98
10) Hexachlorobutadiene	10.968	225	4128	0.394	ng	#	98
12) 2-Methylnaphthalene	12.283	142	14163	0.353	ng		98
16) Acenaphthylene	14.184	152	19325	0.377	ng		100
17) Acenaphthene	14.527	154	13554	0.371	ng		100
18) Fluorene	15.510	166	16333	0.369	ng		99
20) 4,6-Dinitro-2-methylph...	15.585	198	848	0.357	ng	#	69
21) 4-Bromophenyl-phenylether	16.404	248	5503	0.370	ng	#	80
22) Hexachlorobenzene	16.528	284	6957	0.386	ng		100
23) Atrazine	16.677	200	3775	0.333	ng	#	94
24) Pentachlorophenol	16.863	266	2034	0.328	ng		99
25) Phenanthrene	17.260	178	28056	0.373	ng		100
26) Anthracene	17.347	178	23482	0.360	ng		99
28) Fluoranthene	19.276	202	30363	0.367	ng		99
30) Pyrene	19.638	202	29941	0.391	ng		100
32) Benzo(a)anthracene	21.384	228	24854	0.367	ng		99
33) Chrysene	21.429	228	28842	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.313	149	10581	0.395	ng		100
36) Indeno(1,2,3-cd)pyrene	26.092	276	28797	0.365	ng		99
37) Benzo(b)fluoranthene	23.019	252	28688	0.385	ng		99
38) Benzo(k)fluoranthene	23.063	252	28400	0.379	ng		99
39) Benzo(a)pyrene	23.619	252	22053	0.374	ng		98
40) Dibenzo(a,h)anthracene	26.110	278	22511	0.365	ng		99
41) Benzo(g,h,i)perylene	26.814	276	22655	0.350	ng		99

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

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