Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037847.D
Acq On : 20 Sep 2025 11:39
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 22 00:38:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	6137	0.400	ng		-0.01
7) Naphthalene-d8	10.626	136	16197	0.400	ng		-0.02
13) Acenaphthene-d10	14.473	164	7238	0.400	ng		-0.02
19) Phenanthrene-d10	17.223	188	13073	0.400	ng		-0.01
29) Chrysene-d12	21.402	240	12006	0.400	ng		#-0.02
35) Perylene-d12	23.736	264	11862	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	5373	0.381	ng		0.00
5) Phenol-d6	6.980	99	6805	0.373	ng		0.00
8) Nitrobenzene-d5	8.971	82	4665	0.394	ng		-0.02
11) 2-Methylnaphthalene-d10	12.222	152	7614	0.355	ng		-0.02
14) 2,4,6-Tribromophenol	15.969	330	891	0.472	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	11631	0.384	ng		-0.01
27) Fluoranthene-d10	19.257	212	11964	0.365	ng		-0.01
31) Terphenyl-d14	19.856	244	8481	0.348	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	2596	0.406	ng		95
3) n-Nitrosodimethylamine	3.608	42	3185	0.381	ng		92
6) bis(2-Chloroethyl)ether	7.240	93	6315	0.387	ng		99
9) Naphthalene	10.680	128	17021	0.384	ng		99
10) Hexachlorobutadiene	10.979	225	3043	0.380	ng	#	100
12) 2-Methylnaphthalene	12.298	142	10117	0.369	ng		99
16) Acenaphthylene	14.195	152	12119	0.365	ng		100
17) Acenaphthene	14.537	154	8461	0.377	ng		97
18) Fluorene	15.522	166	9893	0.364	ng		98
20) 4,6-Dinitro-2-methylph...	15.597	198	396	0.327	ng		87
21) 4-Bromophenyl-phenylether	16.416	248	3095	0.363	ng	#	74
22) Hexachlorobenzene	16.540	284	3993	0.407	ng		98
23) Atrazine	16.689	200	1936	0.357	ng		100
24) Pentachlorophenol	16.875	266	1204	0.423	ng		98
25) Phenanthrene	17.260	178	15813	0.384	ng		99
26) Anthracene	17.359	178	13675	0.375	ng		100
28) Fluoranthene	19.285	202	17285	0.383	ng		100
30) Pyrene	19.647	202	17226	0.367	ng		100
32) Benzo(a)anthracene	21.393	228	15817	0.378	ng		99
33) Chrysene	21.438	228	17106	0.381	ng		97
34) Bis(2-ethylhexyl)phtha...	21.331	149	4990	0.402	ng		99
36) Indeno(1,2,3-cd)pyrene	26.110	276	20571	0.413	ng		100
37) Benzo(b)fluoranthene	23.028	252	18556	0.397	ng		97
38) Benzo(k)fluoranthene	23.075	252	19102	0.401	ng		97
39) Benzo(a)pyrene	23.630	252	14379	0.384	ng	#	96
40) Dibenzo(a,h)anthracene	26.127	278	15603	0.392	ng		98
41) Benzo(g,h,i)perylene	26.835	276	17395	0.390	ng		99

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

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