Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037974.D
Acq On : 01 Oct 2025 09:24
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 01 10:36:55 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	7.826	152	10156	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	28991	0.400	ng		0.00
13) Acenaphthene-d10	14.473	164	16497	0.400	ng		0.00
19) Phenanthrene-d10	17.223	188	32604	0.400	ng	#	0.00
29) Chrysene-d12	21.402	240	27456	0.400	ng	#	0.00
35) Perylene-d12	23.727	264	23881	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	8191	0.353	ng		0.00
5) Phenol-d6	6.981	99	10829	0.356	ng		0.00
8) Nitrobenzene-d5	8.971	82	8488	0.384	ng		0.00
11) 2-Methylnaphthalene-d10	12.217	152	15439	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.957	330	2242	0.358	ng		-0.01
15) 2-Fluorobiphenyl	13.094	172	24989	0.370	ng		0.00
27) Fluoranthene-d10	19.253	212	29664	0.362	ng		0.00
31) Terphenyl-d14	19.847	244	21686	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	3761	0.365	ng		96
3) n-Nitrosodimethylamine	3.601	42	4703	0.343	ng	#	92
6) bis(2-Chloroethyl)ether	7.241	93	10350	0.366	ng		100
9) Naphthalene	10.669	128	30214	0.378	ng		99
10) Hexachlorobutadiene	10.968	225	5254	0.386	ng	#	98
12) 2-Methylnaphthalene	12.288	142	20111	0.385	ng		99
16) Acenaphthylene	14.185	152	26590	0.355	ng		100
17) Acenaphthene	14.537	154	19735	0.370	ng		98
18) Fluorene	15.523	166	23699	0.367	ng		99
20) 4,6-Dinitro-2-methylph...	15.585	198	1270	0.371	ng	#	66
21) 4-Bromophenyl-phenylether	16.416	248	7976	0.375	ng	#	87
22) Hexachlorobenzene	16.528	284	9764	0.379	ng		98
23) Atrazine	16.677	200	5162	0.319	ng	#	92
24) Pentachlorophenol	16.876	266	2920	0.330	ng		95
25) Phenanthrene	17.260	178	39811	0.371	ng		99
26) Anthracene	17.347	178	33437	0.359	ng		100
28) Fluoranthene	19.280	202	43147	0.365	ng		100
30) Pyrene	19.643	202	42249	0.390	ng		100
32) Benzo(a)anthracene	21.384	228	35923	0.374	ng		99
33) Chrysene	21.438	228	39880	0.384	ng		99
34) Bis(2-ethylhexyl)phtha...	21.322	149	15979	0.421	ng		97
36) Indeno(1,2,3-cd)pyrene	26.101	276	38926	0.357	ng		99
37) Benzo(b)fluoranthene	23.022	252	39722	0.386	ng		99
38) Benzo(k)fluoranthene	23.069	252	40172	0.388	ng		98
39) Benzo(a)pyrene	23.625	252	30290	0.372	ng		99
40) Dibenzo(a,h)anthracene	26.113	278	30454	0.357	ng		99
41) Benzo(g,h,i)perylene	26.823	276	30831	0.344	ng		99

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

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