Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
Data File : BN037705.D
Acq On : 11 Sep 2025 18:23
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 11 18:49:17 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	7.840	152	4653	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	12312	0.400	ng		0.00
13) Acenaphthene-d10	14.494	164	5769	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	10168	0.400	ng		0.00
29) Chrysene-d12	21.420	240	8442	0.400	ng		0.00
35) Perylene-d12	23.750	264	8483	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	4134	0.387	ng		0.00
5) Phenol-d6	6.988	99	5422	0.391	ng		0.00
8) Nitrobenzene-d5	8.993	82	3539	0.393	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	6151	0.377	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	596	0.396	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	9450	0.392	ng		0.00
27) Fluoranthene-d10	19.271	212	9506	0.372	ng		0.00
31) Terphenyl-d14	19.870	244	6763	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	1928	0.398	ng		99
3) n-Nitrosodimethylamine	3.608	42	2547	0.402	ng	#	99
6) bis(2-Chloroethyl)ether	7.255	93	4856	0.392	ng		98
9) Naphthalene	10.690	128	13260	0.394	ng		100
10) Hexachlorobutadiene	11.000	225	2485	0.408	ng	#	100
12) 2-Methylnaphthalene	12.314	142	8138	0.391	ng		99
16) Acenaphthylene	14.216	152	10195	0.385	ng		99
17) Acenaphthene	14.559	154	6894	0.385	ng		97
18) Fluorene	15.535	166	8241	0.380	ng		99
20) 4,6-Dinitro-2-methylph...	15.609	198	351	0.373	ng		93
21) 4-Bromophenyl-phenylether	16.441	248	2610	0.394	ng		98
22) Hexachlorobenzene	16.553	284	3092	0.405	ng		99
23) Atrazine	16.702	200	1563	0.371	ng		99
24) Pentachlorophenol	16.888	266	805	0.364	ng		98
25) Phenanthrene	17.285	178	12638	0.395	ng		100
26) Anthracene	17.372	178	10805	0.381	ng		99
28) Fluoranthene	19.299	202	13314	0.379	ng		100
30) Pyrene	19.661	202	13280	0.402	ng		100
32) Benzo(a)anthracene	21.402	228	11441	0.389	ng		100
33) Chrysene	21.447	228	12422	0.393	ng		98
34) Bis(2-ethylhexyl)phtha...	21.348	149	3509	0.402	ng		98
36) Indeno(1,2,3-cd)pyrene	26.139	276	13373	0.375	ng		100
37) Benzo(b)fluoranthene	23.046	252	12749	0.382	ng		99
38) Benzo(k)fluoranthene	23.092	252	13053	0.383	ng		98
39) Benzo(a)pyrene	23.648	252	9898	0.370	ng		100
40) Dibenzo(a,h)anthracene	26.159	278	10524	0.370	ng		99
41) Benzo(g,h,i)perylene	26.864	276	11928	0.374	ng		99

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

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