Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100725\
Data File : BN038064.D
Acq On : 08 Oct 2025 02:43
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 08 03:10:33 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	7.804	152	8280	0.400	ng		-0.02
7) Naphthalene-d8	10.605	136	23430	0.400	ng		-0.02
13) Acenaphthene-d10	14.452	164	11659	0.400	ng		-0.02
19) Phenanthrene-d10	17.198	188	19667	0.400	ng		#-0.02
29) Chrysene-d12	21.384	240	11097	0.400	ng		-0.02
35) Perylene-d12	23.703	264	10857	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.370	112	6975	0.369	ng		-0.01
5) Phenol-d6	6.959	99	9066	0.365	ng		-0.01
8) Nitrobenzene-d5	8.950	82	6901	0.386	ng		-0.02
11) 2-Methylnaphthalene-d10	12.197	152	11599	0.356	ng		-0.02
14) 2,4,6-Tribromophenol	15.944	330	1279	0.289	ng		-0.02
15) 2-Fluorobiphenyl	13.073	172	17983	0.377	ng		-0.02
27) Fluoranthene-d10	19.234	212	14465	0.292	ng		-0.02
31) Terphenyl-d14	19.833	244	9501	0.430	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.283	88	3429	0.408	ng		97
3) n-Nitrosodimethylamine	3.593	42	4378	0.392	ng	#	88
6) bis(2-Chloroethyl)ether	7.219	93	8856	0.384	ng		97
9) Naphthalene	10.648	128	24721	0.383	ng		99
10) Hexachlorobutadiene	10.946	225	4310	0.391	ng	#	99
12) 2-Methylnaphthalene	12.268	142	15508	0.368	ng		99
16) Acenaphthylene	14.174	152	19869	0.375	ng		100
17) Acenaphthene	14.516	154	13778	0.365	ng		97
18) Fluorene	15.499	166	15307	0.336	ng		99
20) 4,6-Dinitro-2-methylph...	15.584	198	611	0.312	ng	#	58
21) 4-Bromophenyl-phenylether	16.391	248	4937	0.385	ng	#	79
22) Hexachlorobenzene	16.515	284	6414	0.413	ng		98
23) Atrazine	16.664	200	2644	0.271	ng	#	94
24) Pentachlorophenol	16.863	266	1443	0.271	ng		97
25) Phenanthrene	17.248	178	23935	0.370	ng		100
26) Anthracene	17.335	178	19766	0.352	ng		100
28) Fluoranthene	19.266	202	20851	0.293	ng		99
30) Pyrene	19.629	202	20134	0.460	ng		99
32) Benzo(a)anthracene	21.366	228	14459	0.373	ng		100
33) Chrysene	21.420	228	16634	0.397	ng		99
34) Bis(2-ethylhexyl)phtha...	21.304	149	5747	0.375	ng		99
36) Indeno(1,2,3-cd)pyrene	26.066	276	21664	0.437	ng		97
37) Benzo(b)fluoranthene	23.002	252	18099	0.387	ng	#	93
38) Benzo(k)fluoranthene	23.046	252	17358	0.368	ng	#	94
39) Benzo(a)pyrene	23.601	252	14094	0.381	ng	#	88
40) Dibenzo(a,h)anthracene	26.083	278	16805	0.434	ng		97
41) Benzo(g,h,i)perylene	26.785	276	17800	0.437	ng		98

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

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