Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
Data File : BN038081.D
Acq On : 13 Oct 2025 23:24
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 14 02:41:04 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	7.796	152	6102	0.400	ng		-0.03
7) Naphthalene-d8	10.594	136	16304	0.400	ng		#-0.03
13) Acenaphthene-d10	14.452	164	8122	0.400	ng		-0.02
19) Phenanthrene-d10	17.198	188	14166	0.400	ng		#-0.02
29) Chrysene-d12	21.393	240	10220	0.400	ng		0.00
35) Perylene-d12	23.709	264	9438	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.363	112	5272	0.379	ng		-0.02
5) Phenol-d6	6.951	99	5654	0.309	ng		-0.02
8) Nitrobenzene-d5	8.950	82	4404	0.354	ng		-0.02
11) 2-Methylnaphthalene-d10	12.197	152	8062	0.356	ng		-0.02
14) 2,4,6-Tribromophenol	15.944	330	869	0.282	ng		-0.02
15) 2-Fluorobiphenyl	13.072	172	12964	0.390	ng		-0.02
27) Fluoranthene-d10	19.238	212	12203	0.342	ng		-0.01
31) Terphenyl-d14	19.838	244	7736	0.380	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.283	88	2958	0.478	ng		99
3) n-Nitrosodimethylamine	3.586	42	3747	0.455	ng	#	87
6) bis(2-Chloroethyl)ether	7.219	93	6694	0.394	ng		99
9) Naphthalene	10.648	128	17982	0.400	ng		99
10) Hexachlorobutadiene	10.946	225	3142	0.410	ng	#	99
12) 2-Methylnaphthalene	12.268	142	10665	0.363	ng		100
16) Acenaphthylene	14.174	152	14258	0.387	ng		100
17) Acenaphthene	14.516	154	9994	0.380	ng		99
18) Fluorene	15.499	166	10564	0.332	ng		96
20) 4,6-Dinitro-2-methylph...	15.584	198	515	0.352	ng	#	1
21) 4-Bromophenyl-phenylether	16.391	248	3312	0.359	ng	#	81
22) Hexachlorobenzene	16.515	284	4363	0.390	ng		97
23) Atrazine	16.664	200	2133	0.303	ng	#	93
24) Pentachlorophenol	16.863	266	1349	0.351	ng		98
25) Phenanthrene	17.248	178	17038	0.365	ng		100
26) Anthracene	17.335	178	14291	0.353	ng		100
28) Fluoranthene	19.266	202	17495	0.341	ng		99
30) Pyrene	19.629	202	17496	0.434	ng		100
32) Benzo(a)anthracene	21.375	228	12446	0.348	ng		98
33) Chrysene	21.420	228	16053	0.416	ng		99
34) Bis(2-ethylhexyl)phtha...	21.304	149	5282	0.374	ng		99
36) Indeno(1,2,3-cd)pyrene	26.074	276	16710	0.387	ng		98
37) Benzo(b)fluoranthene	23.008	252	14457	0.355	ng	#	90
38) Benzo(k)fluoranthene	23.051	252	15321	0.374	ng	#	90
39) Benzo(a)pyrene	23.607	252	12298	0.382	ng	#	83
40) Dibenzo(a,h)anthracene	26.095	278	12118	0.360	ng	#	90
41) Benzo(g,h,i)perylene	26.791	276	15568	0.440	ng		98

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

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