Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111225\
Data File : BN038183.D
Acq On : 12 Nov 2025 09:31
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 12 09:55:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.768	152	9292	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	28984	0.400	ng		0.00
13) Acenaphthene-d10	14.430	164	16601	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	31060	0.400	ng		0.00
29) Chrysene-d12	21.375	240	20792	0.400	ng		0.00
35) Perylene-d12	23.683	264	18070	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	8728	0.399	ng		0.00
5) Phenol-d6	6.937	99	10734	0.403	ng		0.00
8) Nitrobenzene-d5	8.918	82	9293	0.397	ng		-0.01
11) 2-Methylnaphthalene-d10	12.172	152	16185	0.391	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	2284	0.334	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	24480	0.368	ng		0.00
27) Fluoranthene-d10	19.220	212	28469	0.363	ng		0.00
31) Terphenyl-d14	19.819	244	19106	0.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	3671	0.382	ng		98
3) n-Nitrosodimethylamine	3.564	42	4836	0.391	ng	#	97
6) bis(2-Chloroethyl)ether	7.190	93	10315	0.394	ng		100
9) Naphthalene	10.626	128	31548	0.395	ng		100
10) Hexachlorobutadiene	10.915	225	5431	0.403	ng	#	98
12) 2-Methylnaphthalene	12.243	142	20862	0.392	ng		98
16) Acenaphthylene	14.152	152	28359	0.377	ng		100
17) Acenaphthene	14.494	154	19756	0.376	ng		98
18) Fluorene	15.489	166	26301	0.382	ng		100
20) 4,6-Dinitro-2-methylph...	15.560	198	872	0.331	ng	#	66
21) 4-Bromophenyl-phenylether	16.379	248	7871	0.387	ng	#	91
22) Hexachlorobenzene	16.491	284	9503	0.410	ng		99
23) Atrazine	16.652	200	5162	0.346	ng		100
24) Pentachlorophenol	16.838	266	3395	0.340	ng		99
25) Phenanthrene	17.223	178	37816	0.384	ng		99
26) Anthracene	17.322	178	31893	0.370	ng		99
28) Fluoranthene	19.253	202	40496	0.368	ng		99
30) Pyrene	19.615	202	40395	0.430	ng		100
32) Benzo(a)anthracene	21.358	228	27991	0.377	ng		99
33) Chrysene	21.411	228	31824	0.395	ng		100
34) Bis(2-ethylhexyl)phtha...	21.295	149	18745	0.480	ng		99
36) Indeno(1,2,3-cd)pyrene	26.037	276	31003	0.418	ng		98
37) Benzo(b)fluoranthene	22.987	252	28559	0.370	ng		97
38) Benzo(k)fluoranthene	23.031	252	29142	0.375	ng		99
39) Benzo(a)pyrene	23.584	252	24209	0.391	ng	#	95
40) Dibenzo(a,h)anthracene	26.057	278	23782	0.416	ng		97
41) Benzo(g,h,i)perylene	26.753	276	27438	0.421	ng		100

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

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