Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038147.D
Acq On : 07 Nov 2025 09:39
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 07 10:03:14 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	7.775	152	8319	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	24620	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	13514	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	25821	0.400	ng	0.00
29) Chrysene-d12	21.375	240	19154	0.400	ng	0.00
35) Perylene-d12	23.683	264	16199	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	7043	0.359	ng	0.00
5) Phenol-d6	6.937	99	8616	0.361	ng	0.00
8) Nitrobenzene-d5	8.929	82	7624	0.384	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	13426	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1802	0.324	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	21039	0.389	ng	0.00
27) Fluoranthene-d10	19.220	212	24453	0.376	ng	0.00
31) Terphenyl-d14	19.819	244	16244	0.390	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	3386	0.394	ng	99
3) n-Nitrosodimethylamine	3.564	42	4272	0.386	ng	# 93
6) bis(2-Chloroethyl)ether	7.190	93	9004	0.384	ng	99
9) Naphthalene	10.626	128	26943	0.397	ng	100
10) Hexachlorobutadiene	10.925	225	4842	0.423	ng	# 99
12) 2-Methylnaphthalene	12.248	142	17336	0.383	ng	98
16) Acenaphthylene	14.152	152	23363	0.382	ng	100
17) Acenaphthene	14.495	154	16587	0.387	ng	98
18) Fluorene	15.489	166	22116	0.394	ng	100
20) 4,6-Dinitro-2-methylph...	15.560	198	954	0.378	ng	90
21) 4-Bromophenyl-phenylether	16.379	248	6652	0.393	ng	94
22) Hexachlorobenzene	16.503	284	8201	0.426	ng	100
23) Atrazine	16.652	200	4216	0.340	ng	99
24) Pentachlorophenol	16.838	266	2443	0.295	ng	98
25) Phenanthrene	17.223	178	32586	0.398	ng	100
26) Anthracene	17.322	178	27002	0.377	ng	99
28) Fluoranthene	19.248	202	35099	0.383	ng	100
30) Pyrene	19.615	202	34589	0.400	ng	100
32) Benzo(a)anthracene	21.358	228	25317	0.370	ng	100
33) Chrysene	21.411	228	30330	0.409	ng	100
34) Bis(2-ethylhexyl)phtha...	21.295	149	12823	0.356	ng	100
36) Indeno(1,2,3-cd)pyrene	26.037	276	26025	0.391	ng	99
37) Benzo(b)fluoranthene	22.984	252	27308	0.394	ng	99
38) Benzo(k)fluoranthene	23.031	252	28137	0.404	ng	98
39) Benzo(a)pyrene	23.584	252	20969	0.378	ng	98
40) Dibenzo(a,h)anthracene	26.048	278	19684	0.384	ng	97
41) Benzo(g,h,i)perylene	26.753	276	23204	0.397	ng	100

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

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