Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110425\
Data File : BN038145.D
Acq On : 04 Nov 2025 20:12
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 04 21:16:11 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	8830	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	26327	0.400	ng	# 0.00
13) Acenaphthene-d10	14.430	164	14572	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	25889	0.400	ng	0.00
29) Chrysene-d12	21.375	240	14271	0.400	ng	0.00
35) Perylene-d12	23.683	264	11979	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	7775	0.374	ng	0.00
5) Phenol-d6	6.937	99	9204	0.363	ng	0.00
8) Nitrobenzene-d5	8.929	82	7183	0.338	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	14165	0.377	ng	0.00
14) 2,4,6-Tribromophenol	15.932	330	1835	0.306	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	22024	0.377	ng	0.00
27) Fluoranthene-d10	19.220	212	21378	0.327	ng	0.00
31) Terphenyl-d14	19.819	244	13728	0.443	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	3796	0.416	ng	99
3) n-Nitrosodimethylamine	3.564	42	4631	0.394	ng	# 94
6) bis(2-Chloroethyl)ether	7.197	93	9767	0.392	ng	100
9) Naphthalene	10.626	128	28555	0.394	ng	100
10) Hexachlorobutadiene	10.925	225	5138	0.420	ng	# 99
12) 2-Methylnaphthalene	12.248	142	18776	0.388	ng	99
16) Acenaphthylene	14.152	152	25035	0.379	ng	100
17) Acenaphthene	14.494	154	17860	0.387	ng	98
18) Fluorene	15.489	166	23115	0.382	ng	99
20) 4,6-Dinitro-2-methylph...	15.560	198	971	0.380	ng	94
21) 4-Bromophenyl-phenylether	16.379	248	6744	0.397	ng	96
22) Hexachlorobenzene	16.491	284	8174	0.423	ng	99
23) Atrazine	16.652	200	4191	0.337	ng	98
24) Pentachlorophenol	16.838	266	2211	0.266	ng	99
25) Phenanthrene	17.223	178	31983	0.389	ng	100
26) Anthracene	17.322	178	26920	0.374	ng	99
28) Fluoranthene	19.248	202	30682	0.334	ng	100
30) Pyrene	19.610	202	29749	0.462	ng	100
32) Benzo(a)anthracene	21.357	228	19156	0.376	ng	100
33) Chrysene	21.411	228	22690	0.411	ng	99
34) Bis(2-ethylhexyl)phtha...	21.295	149	10298	0.384	ng	99
36) Indeno(1,2,3-cd)pyrene	26.034	276	21759	0.442	ng	98
37) Benzo(b)fluoranthene	22.984	252	20105	0.393	ng	97
38) Benzo(k)fluoranthene	23.028	252	20945	0.406	ng	98
39) Benzo(a)pyrene	23.581	252	16258	0.397	ng	96
40) Dibenzo(a,h)anthracene	26.051	278	17101	0.452	ng	99
41) Benzo(g,h,i)perylene	26.747	276	19764	0.457	ng	99

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

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