Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090925\
Data File : BN037673.D
Acq On : 09 Sep 2025 20:09
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Sep 10 01:52:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 10 01:49:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	6035	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	16040	0.400	ng		0.00
13) Acenaphthene-d10	14.494	164	8188	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	14394	0.400	ng		#-0.01
29) Chrysene-d12	21.411	240	12922	0.400	ng		# 0.00
35) Perylene-d12	23.747	264	12894	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	79254	5.130	ng		0.00
5) Phenol-d6	6.988	99	100094	5.158	ng		0.00
8) Nitrobenzene-d5	8.993	82	56936	5.762	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	135694	6.018	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	14391	6.321	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	176361	5.477	ng		-0.01
27) Fluoranthene-d10	19.271	212	230262	6.199	ng		0.00
31) Terphenyl-d14	19.870	244	144740	5.313	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	29683	4.533	ng		98
3) n-Nitrosodimethylamine	3.600	42	41781	5.066	ng	#	97
6) bis(2-Chloroethyl)ether	7.262	93	81769	4.979	ng		98
9) Naphthalene	10.701	128	226013	5.199	ng		98
10) Hexachlorobutadiene	11.000	225	39116	5.084	ng	#	99
12) 2-Methylnaphthalene	12.314	142	147580	5.246	ng		99
16) Acenaphthylene	14.216	152	206185	5.384	ng		100
17) Acenaphthene	14.559	154	132636	5.404	ng		98
18) Fluorene	15.547	166	159620	5.321	ng		98
20) 4,6-Dinitro-2-methylph...	15.609	198	5198	6.480	ng	#	9
21) 4-Bromophenyl-phenylether	16.441	248	51642	5.475	ng		95
22) Hexachlorobenzene	16.553	284	53175	5.336	ng		99
23) Atrazine	16.702	200	37298	6.332	ng		97
24) Pentachlorophenol	16.888	266	18846	5.641	ng		98
25) Phenanthrene	17.285	178	235428	5.351	ng		100
26) Anthracene	17.372	178	224927	5.512	ng		100
28) Fluoranthene	19.299	202	266744	5.396	ng		100
30) Pyrene	19.661	202	268453	5.210	ng		100
32) Benzo(a)anthracene	21.402	228	248312	5.379	ng		99
33) Chrysene	21.447	228	243558	5.203	ng		98
34) Bis(2-ethylhexyl)phtha...	21.348	149	80244	6.255	ng		100
36) Indeno(1,2,3-cd)pyrene	26.139	276	294384	6.022	ng		100
37) Benzo(b)fluoranthene	23.043	252	257404	5.415	ng		95
38) Benzo(k)fluoranthene	23.092	252	254315	5.436	ng	#	93
39) Benzo(a)pyrene	23.645	252	220798	5.580	ng	#	92
40) Dibenzo(a,h)anthracene	26.159	278	233118	6.340	ng	#	92
41) Benzo(g,h,i)perylene	26.867	276	251388	5.673	ng		96

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

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