Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037743.D
Acq On : 17 Sep 2025 13:14
Operator : RC/JU
Sample : Q3095-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW203D2-20250909MS

Quant Time: Sep 17 13:42:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	6853	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	18950	0.400	ng		-0.01
13) Acenaphthene-d10	14.494	164	8815	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	15289	0.400	ng	#	0.00
29) Chrysene-d12	21.420	240	13059	0.400	ng		0.00
35) Perylene-d12	23.750	264	12757	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	1957	0.124	ng		0.00
5) Phenol-d6	6.988	99	1524	0.075	ng		0.00
8) Nitrobenzene-d5	8.982	82	4126	0.298	ng		-0.01
11) 2-Methylnaphthalene-d10	12.238	152	7246	0.289	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	893	0.388	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	11665	0.316	ng		0.00
27) Fluoranthene-d10	19.266	212	12832	0.334	ng		0.00
31) Terphenyl-d14	19.866	244	10504	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	6956	0.974	ng		96
3) n-Nitrosodimethylamine	3.608	42	1104	0.118	ng	#	82
6) bis(2-Chloroethyl)ether	7.255	93	5688	0.312	ng		98
9) Naphthalene	10.690	128	15015	0.290	ng		100
10) Hexachlorobutadiene	10.989	225	2320	0.248	ng	#	100
12) 2-Methylnaphthalene	12.309	142	8655	0.270	ng		100
16) Acenaphthylene	14.206	152	13728	0.340	ng		100
17) Acenaphthene	14.548	154	8639	0.316	ng		99
18) Fluorene	15.535	166	10553	0.319	ng		98
20) 4,6-Dinitro-2-methylph...	15.609	198	499	0.352	ng		91
21) 4-Bromophenyl-phenylether	16.429	248	3460	0.347	ng	#	76
22) Hexachlorobenzene	16.553	284	4115	0.359	ng		96
23) Atrazine	16.702	200	2391	0.377	ng		98
24) Pentachlorophenol	16.888	266	2467	0.741	ng		97
25) Phenanthrene	17.273	178	17307	0.360	ng		100
26) Anthracene	17.372	178	15375	0.361	ng		100
28) Fluoranthene	19.294	202	18462	0.350	ng		99
30) Pyrene	19.657	202	18552	0.363	ng		100
32) Benzo(a)anthracene	21.402	228	17427	0.383	ng		99
33) Chrysene	21.447	228	18053	0.370	ng		98
34) Bis(2-ethylhexyl)phtha...	21.339	149	8669	0.642	ng		100
36) Indeno(1,2,3-cd)pyrene	26.136	276	20862	0.389	ng		98
37) Benzo(b)fluoranthene	23.046	252	18402	0.366	ng		99
38) Benzo(k)fluoranthene	23.092	252	18793	0.367	ng		99
39) Benzo(a)pyrene	23.648	252	16200	0.403	ng		99
40) Dibenzo(a,h)anthracene	26.156	278	16551	0.387	ng		97
41) Benzo(g,h,i)perylene	26.858	276	17872	0.372	ng		98

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

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