Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
Data File : BN037698.D
Acq On : 11 Sep 2025 14:09
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN091125

Quant Time: Sep 11 16:00:40 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	5029	0.400	ng		0.00
7) Naphthalene-d8	10.647	136	13552	0.400	ng		0.00
13) Acenaphthene-d10	14.494	164	6371	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	11165	0.400	ng		0.00
29) Chrysene-d12	21.420	240	8931	0.400	ng		0.00
35) Perylene-d12	23.750	264	8751	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	4545	0.394	ng		0.00
5) Phenol-d6	6.987	99	5691	0.380	ng		0.00
8) Nitrobenzene-d5	8.992	82	4501	0.454	ng		0.00
11) 2-Methylnaphthalene-d10	12.242	152	7632	0.425	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	629	0.379	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	12687	0.476	ng		0.00
27) Fluoranthene-d10	19.271	212	11138	0.397	ng		0.00
31) Terphenyl-d14	19.870	244	8765	0.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	2457	0.469	ng		98
3) n-Nitrosodimethylamine	3.607	42	2924	0.427	ng	#	94
6) bis(2-Chloroethyl)ether	7.255	93	5769	0.431	ng		99
9) Naphthalene	10.690	128	15153	0.409	ng		100
10) Hexachlorobutadiene	11.000	225	2814	0.420	ng	#	99
12) 2-Methylnaphthalene	12.313	142	8593	0.375	ng		100
16) Acenaphthylene	14.216	152	12785	0.438	ng		100
17) Acenaphthene	14.558	154	7838	0.397	ng		99
18) Fluorene	15.535	166	9460	0.395	ng		98
20) 4,6-Dinitro-2-methylph...	15.609	198	392	0.379	ng		99
21) 4-Bromophenyl-phenylether	16.441	248	2975	0.409	ng		97
22) Hexachlorobenzene	16.552	284	3569	0.426	ng		99
23) Atrazine	16.701	200	1828	0.395	ng		99
24) Pentachlorophenol	16.888	266	785	0.323	ng		97
25) Phenanthrene	17.285	178	14262	0.406	ng		99
26) Anthracene	17.372	178	12642	0.406	ng		99
28) Fluoranthene	19.299	202	14471	0.375	ng		100
30) Pyrene	19.661	202	14323	0.410	ng		100
32) Benzo(a)anthracene	21.402	228	12803	0.411	ng		99
33) Chrysene	21.456	228	13963	0.418	ng		99
34) Bis(2-ethylhexyl)phtha...	21.348	149	3245	0.351	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.139	276	15430	0.420	ng		100
37) Benzo(b)fluoranthene	23.045	252	13718	0.398	ng		100
38) Benzo(k)fluoranthene	23.092	252	14465	0.412	ng		98
39) Benzo(a)pyrene	23.648	252	11950	0.433	ng		100
40) Dibenzo(a,h)anthracene	26.159	278	12290	0.419	ng		99
41) Benzo(g,h,i)perylene	26.864	276	13095	0.398	ng		99

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

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