Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037214.D
Acq On : 10 Jun 2025 10:25
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 10 10:51:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	2035	0.400	ng		0.00
7) Naphthalene-d8	10.362	136	5379	0.400	ng		-0.01
13) Acenaphthene-d10	14.235	164	3023	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	5328	0.400	ng		0.00
29) Chrysene-d12	21.189	240	3404	0.400	ng		0.00
35) Perylene-d12	23.377	264	3264	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	2010	0.399	ng		0.00
5) Phenol-d6	6.766	99	2422	0.397	ng		0.00
8) Nitrobenzene-d5	8.739	82	2250	0.396	ng		0.00
11) 2-Methylnaphthalene-d10	11.960	152	3032	0.405	ng		-0.01
14) 2,4,6-Tribromophenol	15.730	330	432	0.355	ng		-0.01
15) 2-Fluorobiphenyl	12.858	172	4866	0.378	ng		0.00
27) Fluoranthene-d10	19.026	212	4929	0.364	ng		0.00
31) Terphenyl-d14	19.630	244	3168	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	1056	0.389	ng		99
3) n-Nitrosodimethylamine	3.429	42	2236	0.411	ng		99
6) bis(2-Chloroethyl)ether	7.019	93	2333	0.401	ng		99
9) Naphthalene	10.415	128	6007	0.387	ng		98
10) Hexachlorobutadiene	10.703	225	1358	0.402	ng	#	98
12) 2-Methylnaphthalene	12.037	142	3732	0.375	ng		97
16) Acenaphthylene	13.957	152	5149	0.347	ng		99
17) Acenaphthene	14.299	154	3415	0.355	ng		99
18) Fluorene	15.293	166	4416	0.349	ng		99
20) 4,6-Dinitro-2-methylph...	15.378	198	351	0.499	ng	#	78
21) 4-Bromophenyl-phenylether	16.189	248	1294	0.371	ng	#	88
22) Hexachlorobenzene	16.301	284	1470	0.390	ng		97
23) Atrazine	16.462	200	1032	0.358	ng		95
24) Pentachlorophenol	16.649	266	606	0.484	ng		100
25) Phenanthrene	17.021	178	6215	0.360	ng		99
26) Anthracene	17.120	178	5482	0.348	ng		99
28) Fluoranthene	19.054	202	6391	0.335	ng		99
30) Pyrene	19.416	202	6398	0.385	ng		100
32) Benzo(a)anthracene	21.171	228	4423	0.359	ng		99
33) Chrysene	21.224	228	4867	0.355	ng		100
34) Bis(2-ethylhexyl)phtha...	21.117	149	2971	0.382	ng		99
36) Indeno(1,2,3-cd)pyrene	25.576	276	4999	0.385	ng		96
37) Benzo(b)fluoranthene	22.722	252	4453	0.338	ng		95
38) Benzo(k)fluoranthene	22.766	252	4651	0.346	ng		96
39) Benzo(a)pyrene	23.284	252	3945	0.357	ng	#	88
40) Dibenzo(a,h)anthracene	25.591	278	3900	0.389	ng		99
41) Benzo(g,h,i)perylene	26.248	276	4492	0.391	ng		99

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

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