Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082025\
Data File : BN037646.D
Acq On : 21 Aug 2025 13:11
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 22 08:23:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.703	152	2398	0.400	ng		-0.01
7) Naphthalene-d8	10.487	136	5591	0.400	ng		-0.01
13) Acenaphthene-d10	14.334	164	2650	0.400	ng		-0.01
19) Phenanthrene-d10	17.086	188	5337	0.400	ng		# 0.00
29) Chrysene-d12	21.268	240	4565	0.400	ng		# 0.00
35) Perylene-d12	23.505	264	3968	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	2020	0.372	ng		-0.01
5) Phenol-d6	6.865	99	2345	0.358	ng		-0.01
8) Nitrobenzene-d5	8.843	82	1577	0.400	ng		-0.01
11) 2-Methylnaphthalene-d10	12.080	152	2742	0.361	ng		-0.01
14) 2,4,6-Tribromophenol	15.833	330	463	0.399	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	5835	0.381	ng		-0.02
27) Fluoranthene-d10	19.113	212	5059	0.360	ng		0.00
31) Terphenyl-d14	19.717	244	3616	0.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	936	0.408	ng		96
3) n-Nitrosodimethylamine	3.535	42	1169	0.399	ng		97
6) bis(2-Chloroethyl)ether	7.125	93	2325	0.394	ng		97
9) Naphthalene	10.530	128	5852	0.393	ng		100
10) Hexachlorobutadiene	10.840	225	1495	0.411	ng	#	99
12) 2-Methylnaphthalene	12.151	142	3483	0.373	ng		99
16) Acenaphthylene	14.056	152	4631	0.390	ng		99
17) Acenaphthene	14.398	154	3091	0.383	ng		99
18) Fluorene	15.392	166	4089	0.387	ng		98
20) 4,6-Dinitro-2-methylph...	15.467	198	231	0.419	ng		93
21) 4-Bromophenyl-phenylether	16.280	248	1267	0.378	ng		94
22) Hexachlorobenzene	16.391	284	1963	0.413	ng		99
23) Atrazine	16.553	200	812	0.428	ng	#	93
24) Pentachlorophenol	16.739	266	658	0.394	ng		97
25) Phenanthrene	17.124	178	6222	0.383	ng		100
26) Anthracene	17.211	178	5301	0.369	ng		99
28) Fluoranthene	19.146	202	6871	0.369	ng		100
30) Pyrene	19.508	202	6655	0.390	ng		100
32) Benzo(a)anthracene	21.250	228	5562	0.365	ng		98
33) Chrysene	21.304	228	6617	0.389	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	2627	0.417	ng		99
36) Indeno(1,2,3-cd)pyrene	25.759	276	6142	0.367	ng		99
37) Benzo(b)fluoranthene	22.835	252	6190	0.412	ng		99
38) Benzo(k)fluoranthene	22.876	252	6418	0.378	ng		99
39) Benzo(a)pyrene	23.408	252	4690	0.376	ng		97
40) Dibenzo(a,h)anthracene	25.779	278	4641	0.358	ng		99
41) Benzo(g,h,i)perylene	26.449	276	5592	0.409	ng		99

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

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