Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082825\
Data File : BN037648.D
Acq On : 28 Aug 2025 09:29
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 28 11:49:16 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	7.710	152	2763	0.400	ng		0.00
7) Naphthalene-d8	10.487	136	6612	0.400	ng		-0.01
13) Acenaphthene-d10	14.334	164	3159	0.400	ng		-0.01
19) Phenanthrene-d10	17.086	188	6462	0.400	ng		# 0.00
29) Chrysene-d12	21.259	240	5486	0.400	ng		#-0.02
35) Perylene-d12	23.493	264	4720	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.298	112	2417	0.386	ng		0.00
5) Phenol-d6	6.872	99	2882	0.382	ng		0.00
8) Nitrobenzene-d5	8.843	82	1850	0.397	ng		-0.01
11) 2-Methylnaphthalene-d10	12.080	152	3314	0.369	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	583	0.422	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	7088	0.388	ng		-0.02
27) Fluoranthene-d10	19.113	212	6145	0.361	ng		0.00
31) Terphenyl-d14	19.717	244	4183	0.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1146	0.434	ng		97
3) n-Nitrosodimethylamine	3.543	42	1321	0.391	ng	#	96
6) bis(2-Chloroethyl)ether	7.132	93	2761	0.406	ng		98
9) Naphthalene	10.541	128	6992	0.397	ng		100
10) Hexachlorobutadiene	10.840	225	1671	0.389	ng	#	100
12) 2-Methylnaphthalene	12.151	142	4221	0.382	ng		99
16) Acenaphthylene	14.056	152	5556	0.392	ng		99
17) Acenaphthene	14.398	154	3781	0.393	ng		100
18) Fluorene	15.393	166	4959	0.393	ng		100
20) 4,6-Dinitro-2-methylph...	15.457	198	293	0.430	ng	#	66
21) 4-Bromophenyl-phenylether	16.280	248	1534	0.378	ng		94
22) Hexachlorobenzene	16.391	284	2309	0.401	ng		98
23) Atrazine	16.553	200	941	0.410	ng	#	93
24) Pentachlorophenol	16.739	266	910	0.450	ng		98
25) Phenanthrene	17.124	178	7546	0.384	ng		100
26) Anthracene	17.211	178	6491	0.373	ng		99
28) Fluoranthene	19.141	202	8400	0.372	ng		99
30) Pyrene	19.503	202	8158	0.398	ng		99
32) Benzo(a)anthracene	21.250	228	7074	0.386	ng		99
33) Chrysene	21.295	228	7853	0.385	ng		100
34) Bis(2-ethylhexyl)phtha...	21.196	149	3355	0.444	ng		99
36) Indeno(1,2,3-cd)pyrene	25.750	276	6658	0.335	ng		99
37) Benzo(b)fluoranthene	22.823	252	7118	0.398	ng		99
38) Benzo(k)fluoranthene	22.867	252	7415	0.367	ng		98
39) Benzo(a)pyrene	23.396	252	5593	0.377	ng		97
40) Dibenzo(a,h)anthracene	25.768	278	4739	0.307	ng		98
41) Benzo(g,h,i)perylene	26.434	276	6587	0.405	ng		99

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

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