Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037065.D
Acq On : 20 May 2025 03:42
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 20 04:21:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.611	152	2276	0.400	ng		0.00
7) Naphthalene-d8	10.393	136	6134	0.400	ng		-0.01
13) Acenaphthene-d10	14.256	164	3516	0.400	ng		-0.01
19) Phenanthrene-d10	17.008	188	6905	0.400	ng		# 0.00
29) Chrysene-d12	21.197	240	5195	0.400	ng		0.00
35) Perylene-d12	23.400	264	4444	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	2174	0.365	ng		0.00
5) Phenol-d6	6.788	99	2707	0.363	ng		0.00
8) Nitrobenzene-d5	8.760	82	2495	0.374	ng		-0.01
11) 2-Methylnaphthalene-d10	11.991	152	3585	0.415	ng		0.00
14) 2,4,6-Tribromophenol	15.755	330	568	0.368	ng		-0.01
15) 2-Fluorobiphenyl	12.878	172	6330	0.393	ng		-0.01
27) Fluoranthene-d10	19.045	212	7306	0.386	ng		0.00
31) Terphenyl-d14	19.648	244	4869	0.438	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	1074	0.385	ng		98
3) n-Nitrosodimethylamine	3.458	42	2387	0.398	ng	#	91
6) bis(2-Chloroethyl)ether	7.048	93	2550	0.371	ng		99
9) Naphthalene	10.436	128	6869	0.379	ng		99
10) Hexachlorobutadiene	10.735	225	1554	0.408	ng	#	100
12) 2-Methylnaphthalene	12.067	142	4430	0.380	ng		99
16) Acenaphthylene	13.978	152	6340	0.370	ng		99
17) Acenaphthene	14.320	154	4189	0.375	ng		100
18) Fluorene	15.314	166	5613	0.383	ng		99
20) 4,6-Dinitro-2-methylph...	15.400	198	473	0.359	ng		91
21) 4-Bromophenyl-phenylether	16.202	248	1701	0.390	ng	#	79
22) Hexachlorobenzene	16.313	284	1936	0.415	ng		99
23) Atrazine	16.487	200	1389	0.365	ng		95
24) Pentachlorophenol	16.661	266	856	0.333	ng		96
25) Phenanthrene	17.046	178	8477	0.376	ng		99
26) Anthracene	17.145	178	7504	0.365	ng		100
28) Fluoranthene	19.072	202	9649	0.358	ng		99
30) Pyrene	19.439	202	9605	0.432	ng		100
32) Benzo(a)anthracene	21.188	228	7274	0.372	ng		99
33) Chrysene	21.233	228	7968	0.385	ng		98
34) Bis(2-ethylhexyl)phtha...	21.126	149	4578	0.380	ng		100
36) Indeno(1,2,3-cd)pyrene	25.611	276	6714	0.370	ng		98
37) Benzo(b)fluoranthene	22.743	252	7115	0.386	ng		97
38) Benzo(k)fluoranthene	22.787	252	6909	0.380	ng		99
39) Benzo(a)pyrene	23.307	252	5660	0.362	ng		95
40) Dibenzo(a,h)anthracene	25.625	278	5172	0.366	ng		99
41) Benzo(g,h,i)perylene	26.283	276	5862	0.382	ng		98

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

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