Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071625\
Data File : BN037510.D
Acq On : 16 Jul 2025 09:50
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 16 10:53:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 16 02:38:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2448	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	6343	0.400	ng	# 0.00
13) Acenaphthene-d10	14.355	164	3548	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	6984	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	5489	0.400	ng	0.00
35) Perylene-d12	23.513	264	5154	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	2313	0.382	ng	0.00
5) Phenol-d6	6.879	99	2880	0.379	ng	0.00
8) Nitrobenzene-d5	8.865	82	1781	0.376	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	3385	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	562	0.322	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	7464	0.405	ng	0.00
27) Fluoranthene-d10	19.122	212	6430	0.348	ng	0.00
31) Terphenyl-d14	19.731	244	4490	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	983	0.418	ng	98
3) n-Nitrosodimethylamine	3.543	42	1151	0.389	ng	# 98
6) bis(2-Chloroethyl)ether	7.147	93	2538	0.402	ng	99
9) Naphthalene	10.552	128	6526	0.386	ng	99
10) Hexachlorobutadiene	10.850	225	1454	0.389	ng	# 100
12) 2-Methylnaphthalene	12.172	142	4180	0.376	ng	99
16) Acenaphthylene	14.067	152	6187	0.389	ng	99
17) Acenaphthene	14.420	154	4110	0.380	ng	99
18) Fluorene	15.403	166	5393	0.388	ng	100
20) 4,6-Dinitro-2-methylph...	15.467	198	265	0.371	ng	95
21) 4-Bromophenyl-phenylether	16.292	248	1685	0.377	ng	95
22) Hexachlorobenzene	16.404	284	2268	0.392	ng	99
23) Atrazine	16.565	200	995	0.319	ng	99
24) Pentachlorophenol	16.739	266	743	0.287	ng	98
25) Phenanthrene	17.136	178	7963	0.381	ng	100
26) Anthracene	17.223	178	7060	0.370	ng	100
28) Fluoranthene	19.155	202	8723	0.362	ng	99
30) Pyrene	19.517	202	8536	0.386	ng	100
32) Benzo(a)anthracene	21.259	228	7045	0.366	ng	100
33) Chrysene	21.313	228	8149	0.407	ng	100
34) Bis(2-ethylhexyl)phtha...	21.214	149	2643	0.306	ng	97
36) Indeno(1,2,3-cd)pyrene	25.779	276	8002	0.373	ng	99
37) Benzo(b)fluoranthene	22.844	252	7085	0.362	ng	99
38) Benzo(k)fluoranthene	22.888	252	7678	0.380	ng	99
39) Benzo(a)pyrene	23.417	252	6249	0.383	ng	99
40) Dibenzo(a,h)anthracene	25.794	278	6362	0.366	ng	98
41) Benzo(g,h,i)perylene	26.463	276	6501	0.361	ng	98

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

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