Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037126.D
Acq On : 29 May 2025 01:35
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 29 03:44:52 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	2032	0.400	ng	0.00
7) Naphthalene-d8	10.383	136	5568	0.400	ng	#-0.02
13) Acenaphthene-d10	14.256	164	3201	0.400	ng	-0.01
19) Phenanthrene-d10	16.996	188	5866	0.400	ng	-0.01
29) Chrysene-d12	21.198	240	3944	0.400	ng	# 0.00
35) Perylene-d12	23.395	264	3424	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	1923	0.361	ng	-0.01
5) Phenol-d6	6.781	99	2378	0.357	ng	-0.01
8) Nitrobenzene-d5	8.760	82	2265	0.374	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	3215	0.410	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	491	0.349	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	5253	0.358	ng	-0.02
27) Fluoranthene-d10	19.040	212	5978	0.372	ng	0.00
31) Terphenyl-d14	19.644	244	3958	0.469	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.141	88	933	0.374	ng	# 94
3) n-Nitrosodimethylamine	3.451	42	2159	0.403	ng	# 88
6) bis(2-Chloroethyl)ether	7.041	93	2314	0.377	ng	97
9) Naphthalene	10.436	128	6206	0.377	ng	99
10) Hexachlorobutadiene	10.725	225	1409	0.408	ng	# 100
12) 2-Methylnaphthalene	12.057	142	3960	0.374	ng	98
16) Acenaphthylene	13.967	152	5690	0.365	ng	99
17) Acenaphthene	14.320	154	3760	0.369	ng	100
18) Fluorene	15.304	166	4908	0.367	ng	100
20) 4,6-Dinitro-2-methylph...	15.400	198	466	0.410	ng	# 83
21) 4-Bromophenyl-phenylether	16.202	248	1474	0.398	ng	99
22) Hexachlorobenzene	16.314	284	1676	0.423	ng	97
23) Atrazine	16.475	200	1212	0.375	ng	97
24) Pentachlorophenol	16.661	266	748	0.342	ng	95
25) Phenanthrene	17.046	178	7265	0.379	ng	99
26) Anthracene	17.133	178	6349	0.364	ng	100
28) Fluoranthene	19.068	202	7765	0.339	ng	98
30) Pyrene	19.430	202	7766	0.460	ng	100
32) Benzo(a)anthracene	21.180	228	5419	0.365	ng	98
33) Chrysene	21.233	228	6182	0.394	ng	99
34) Bis(2-ethylhexyl)phtha...	21.126	149	3666	0.401	ng	99
36) Indeno(1,2,3-cd)pyrene	25.599	276	5322	0.381	ng	97
37) Benzo(b)fluoranthene	22.737	252	5275	0.371	ng	98
38) Benzo(k)fluoranthene	22.778	252	5528	0.394	ng	98
39) Benzo(a)pyrene	23.298	252	4455	0.370	ng	96
40) Dibenzo(a,h)anthracene	25.611	278	4085	0.375	ng	99
41) Benzo(g,h,i)perylene	26.263	276	4756	0.402	ng	99

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

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