Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037038.D
Acq On : 19 May 2025 10:47
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 19 11:19:23 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	2152	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	5916	0.400	ng		-0.01
13) Acenaphthene-d10	14.256	164	3512	0.400	ng		-0.01
19) Phenanthrene-d10	17.009	188	7043	0.400	ng	#	0.00
29) Chrysene-d12	21.207	240	5607	0.400	ng	#	0.00
35) Perylene-d12	23.410	264	4830	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	2031	0.360	ng		0.00
5) Phenol-d6	6.788	99	2515	0.357	ng		0.00
8) Nitrobenzene-d5	8.760	82	2321	0.360	ng		-0.01
11) 2-Methylnaphthalene-d10	11.991	152	3536	0.425	ng		0.00
14) 2,4,6-Tribromophenol	15.755	330	515	0.334	ng		-0.01
15) 2-Fluorobiphenyl	12.883	172	5990	0.372	ng		0.00
27) Fluoranthene-d10	19.045	212	7646	0.396	ng		0.00
31) Terphenyl-d14	19.653	244	5133	0.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.141	88	993	0.376	ng		96
3) n-Nitrosodimethylamine	3.458	42	1947	0.343	ng	#	95
6) bis(2-Chloroethyl)ether	7.048	93	2511	0.387	ng		99
9) Naphthalene	10.447	128	6536	0.374	ng		99
10) Hexachlorobutadiene	10.735	225	1420	0.387	ng	#	99
12) 2-Methylnaphthalene	12.067	142	4246	0.378	ng		98
16) Acenaphthylene	13.978	152	6165	0.361	ng		100
17) Acenaphthene	14.320	154	4087	0.366	ng		100
18) Fluorene	15.314	166	5419	0.370	ng		99
20) 4,6-Dinitro-2-methylph...	15.400	198	480	0.357	ng		98
21) 4-Bromophenyl-phenylether	16.214	248	1651	0.371	ng	#	85
22) Hexachlorobenzene	16.326	284	1897	0.398	ng		98
23) Atrazine	16.487	200	1271	0.328	ng		97
24) Pentachlorophenol	16.661	266	859	0.327	ng		98
25) Phenanthrene	17.046	178	8459	0.368	ng		100
26) Anthracene	17.145	178	7295	0.348	ng		99
28) Fluoranthene	19.077	202	9826	0.357	ng		99
30) Pyrene	19.440	202	9850	0.411	ng		100
32) Benzo(a)anthracene	21.189	228	7437	0.352	ng		99
33) Chrysene	21.242	228	8480	0.380	ng		98
34) Bis(2-ethylhexyl)phtha...	21.135	149	4419	0.340	ng		98
36) Indeno(1,2,3-cd)pyrene	25.617	276	6797	0.345	ng		99
37) Benzo(b)fluoranthene	22.749	252	7489	0.374	ng		99
38) Benzo(k)fluoranthene	22.793	252	7388	0.373	ng		99
39) Benzo(a)pyrene	23.313	252	5890	0.347	ng	#	94
40) Dibenzo(a,h)anthracene	25.632	278	5217	0.340	ng		98
41) Benzo(g,h,i)perylene	26.295	276	5941	0.356	ng		99

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

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