Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037102.D
Acq On : 28 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 28 15:33:07 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	2360	0.400	ng	0.00
7) Naphthalene-d8	10.383	136	6377	0.400	ng	#-0.02
13) Acenaphthene-d10	14.256	164	3563	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	6602	0.400	ng	# 0.00
29) Chrysene-d12	21.197	240	4312	0.400	ng	0.00
35) Perylene-d12	23.398	264	3700	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	2165	0.350	ng	0.00
5) Phenol-d6	6.788	99	2680	0.346	ng	0.00
8) Nitrobenzene-d5	8.760	82	2576	0.371	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	3687	0.411	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	534	0.341	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	6346	0.389	ng	-0.01
27) Fluoranthene-d10	19.040	212	6492	0.359	ng	0.00
31) Terphenyl-d14	19.649	244	4195	0.455	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	1087	0.375	ng	96
3) n-Nitrosodimethylamine	3.451	42	2337	0.376	ng	# 90
6) bis(2-Chloroethyl)ether	7.040	93	2693	0.378	ng	98
9) Naphthalene	10.436	128	7124	0.378	ng	99
10) Hexachlorobutadiene	10.725	225	1563	0.395	ng	# 99
12) 2-Methylnaphthalene	12.062	142	4564	0.377	ng	99
16) Acenaphthylene	13.978	152	6382	0.368	ng	100
17) Acenaphthene	14.320	154	4237	0.374	ng	99
18) Fluorene	15.314	166	5434	0.366	ng	100
20) 4,6-Dinitro-2-methylph...	15.400	198	477	0.376	ng	93
21) 4-Bromophenyl-phenylether	16.202	248	1644	0.394	ng	98
22) Hexachlorobenzene	16.313	284	1847	0.414	ng	98
23) Atrazine	16.475	200	1271	0.349	ng	96
24) Pentachlorophenol	16.661	266	835	0.339	ng	96
25) Phenanthrene	17.046	178	7980	0.370	ng	99
26) Anthracene	17.133	178	6993	0.356	ng	100
28) Fluoranthene	19.073	202	8484	0.329	ng	100
30) Pyrene	19.435	202	8383	0.454	ng	100
32) Benzo(a)anthracene	21.180	228	5842	0.360	ng	98
33) Chrysene	21.233	228	6693	0.390	ng	99
34) Bis(2-ethylhexyl)phtha...	21.126	149	3719	0.372	ng	99
36) Indeno(1,2,3-cd)pyrene	25.602	276	5695	0.377	ng	98
37) Benzo(b)fluoranthene	22.743	252	5595	0.365	ng	99
38) Benzo(k)fluoranthene	22.784	252	5974	0.394	ng	99
39) Benzo(a)pyrene	23.301	252	4711	0.362	ng	96
40) Dibenzo(a,h)anthracene	25.620	278	4353	0.370	ng	98
41) Benzo(g,h,i)perylene	26.275	276	5040	0.394	ng	98

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

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