Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
Data File : BN037082.D
Acq On : 20 May 2025 19:59
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 21 01:39:36 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	1783	0.400	ng		0.00
7) Naphthalene-d8	10.394	136	4793	0.400	ng		-0.01
13) Acenaphthene-d10	14.256	164	2726	0.400	ng		-0.01
19) Phenanthrene-d10	17.009	188	5209	0.400	ng	#	0.00
29) Chrysene-d12	21.198	240	3682	0.400	ng		0.00
35) Perylene-d12	23.404	264	3032	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	1687	0.361	ng		0.00
5) Phenol-d6	6.788	99	2050	0.351	ng		0.00
8) Nitrobenzene-d5	8.760	82	2001	0.383	ng		-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2785	0.413	ng		-0.01
14) 2,4,6-Tribromophenol	15.755	330	449	0.375	ng		-0.01
15) 2-Fluorobiphenyl	12.878	172	4896	0.392	ng		-0.01
27) Fluoranthene-d10	19.045	212	5295	0.371	ng		0.00
31) Terphenyl-d14	19.649	244	3525	0.448	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.141	88	843	0.385	ng		97
3) n-Nitrosodimethylamine	3.458	42	1910	0.406	ng	#	88
6) bis(2-Chloroethyl)ether	7.041	93	2021	0.376	ng		98
9) Naphthalene	10.436	128	5350	0.378	ng		99
10) Hexachlorobutadiene	10.735	225	1242	0.418	ng	#	99
12) 2-Methylnaphthalene	12.062	142	3450	0.379	ng		98
16) Acenaphthylene	13.978	152	4959	0.374	ng		100
17) Acenaphthene	14.320	154	3258	0.376	ng		99
18) Fluorene	15.314	166	4297	0.378	ng		100
20) 4,6-Dinitro-2-methylph...	15.400	198	340	0.343	ng		98
21) 4-Bromophenyl-phenylether	16.202	248	1297	0.394	ng	#	88
22) Hexachlorobenzene	16.314	284	1489	0.423	ng		99
23) Atrazine	16.475	200	1066	0.371	ng		95
24) Pentachlorophenol	16.661	266	615	0.317	ng		93
25) Phenanthrene	17.046	178	6451	0.379	ng		99
26) Anthracene	17.133	178	5733	0.370	ng		99
28) Fluoranthene	19.073	202	7033	0.346	ng		99
30) Pyrene	19.435	202	6958	0.442	ng		100
32) Benzo(a)anthracene	21.189	228	5116	0.369	ng		99
33) Chrysene	21.233	228	5565	0.380	ng		99
34) Bis(2-ethylhexyl)phtha...	21.126	149	3381	0.396	ng		100
36) Indeno(1,2,3-cd)pyrene	25.605	276	4828	0.390	ng		96
37) Benzo(b)fluoranthene	22.743	252	4891	0.389	ng		99
38) Benzo(k)fluoranthene	22.787	252	4818	0.388	ng		98
39) Benzo(a)pyrene	23.307	252	4022	0.377	ng		96
40) Dibenzo(a,h)anthracene	25.623	278	3689	0.382	ng		97
41) Benzo(g,h,i)perylene	26.281	276	4219	0.403	ng		98

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

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