Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070225\
Data File : BN037431.D
Acq On : 02 Jul 2025 18:03
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jul 02 18:25:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.560	152	1682	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	3622	0.400	ng		0.00
13) Acenaphthene-d10	14.213	164	2506	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	5228	0.400	ng	#	0.01
29) Chrysene-d12	21.171	240	5147	0.400	ng		0.00
35) Perylene-d12	23.354	264	5618	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	1355	0.418	ng		0.00
5) Phenol-d6	6.744	99	1283	0.382	ng		0.00
8) Nitrobenzene-d5	8.717	82	1081	0.372	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	2134	0.381	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	577	0.393	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	4161	0.385	ng		0.00
27) Fluoranthene-d10	19.003	212	5908	0.394	ng		0.00
31) Terphenyl-d14	19.616	244	4379	0.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	712	0.446	ng		92
3) n-Nitrosodimethylamine	3.415	42	591	0.375	ng	#	85
6) bis(2-Chloroethyl)ether	6.997	93	1069	0.358	ng		93
9) Naphthalene	10.383	128	3612	0.387	ng		98
10) Hexachlorobutadiene	10.671	225	1565	0.423	ng	#	99
12) 2-Methylnaphthalene	12.016	142	2460	0.383	ng		98
16) Acenaphthylene	13.924	152	3879	0.373	ng		99
17) Acenaphthene	14.277	154	2591	0.382	ng		98
18) Fluorene	15.272	166	3645	0.380	ng		99
20) 4,6-Dinitro-2-methylph...	15.378	198	352	0.262	ng	#	69
21) 4-Bromophenyl-phenylether	16.165	248	1426	0.387	ng	#	94
22) Hexachlorobenzene	16.276	284	1617	0.408	ng		98
23) Atrazine	16.450	200	1136	0.389	ng		94
24) Pentachlorophenol	16.624	266	774	0.361	ng		96
25) Phenanthrene	17.009	178	5527	0.375	ng		99
26) Anthracene	17.095	178	4852	0.358	ng		100
28) Fluoranthene	19.035	202	7451	0.396	ng		99
30) Pyrene	19.398	202	7521	0.386	ng		99
32) Benzo(a)anthracene	21.153	228	5702	0.353	ng		99
33) Chrysene	21.206	228	8055	0.402	ng		99
34) Bis(2-ethylhexyl)phtha...	21.099	149	2734	0.427	ng		98
36) Indeno(1,2,3-cd)pyrene	25.538	276	9152	0.386	ng		97
37) Benzo(b)fluoranthene	22.702	252	7472m	0.377	ng		
38) Benzo(k)fluoranthene	22.746	252	8339	0.394	ng		95
39) Benzo(a)pyrene	23.260	252	6760	0.384	ng	#	88
40) Dibenzo(a,h)anthracene	25.555	278	6724	0.370	ng	#	92
41) Benzo(g,h,i)perylene	26.196	276	8608	0.396	ng		98

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

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