Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037139.D
Acq On : 02 Jun 2025 19:22
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jun 03 05:34:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 03 02:42:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.604	152	2415	0.400	ng		0.00
7) Naphthalene-d8	10.383	136	6444	0.400	ng	#	0.00
13) Acenaphthene-d10	14.245	164	4056	0.400	ng		0.00
19) Phenanthrene-d10	16.996	188	8483	0.400	ng		0.00
29) Chrysene-d12	21.189	240	7611	0.400	ng		0.00
35) Perylene-d12	23.380	264	6269	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	29372	4.884	ng		0.00
5) Phenol-d6	6.773	99	39473	5.272	ng		0.00
8) Nitrobenzene-d5	8.749	82	35996	5.252	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	48576	5.273	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	9914	5.196	ng		0.00
15) 2-Fluorobiphenyl	12.868	172	83417	4.964	ng		0.00
27) Fluoranthene-d10	19.031	212	121567	5.297	ng		0.00
31) Terphenyl-d14	19.635	244	87643	4.894	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	13807	4.242	ng		96
3) n-Nitrosodimethylamine	3.429	42	30068	4.749	ng	#	94
6) bis(2-Chloroethyl)ether	7.033	93	35575	5.257	ng		97
9) Naphthalene	10.426	128	93455	5.046	ng		95
10) Hexachlorobutadiene	10.725	225	18739	4.712	ng	#	98
12) 2-Methylnaphthalene	12.052	142	65333	5.316	ng		97
16) Acenaphthylene	13.967	152	105761	5.363	ng		99
17) Acenaphthene	14.309	154	67096	5.231	ng		97
18) Fluorene	15.304	166	91795	5.203	ng		98
20) 4,6-Dinitro-2-methylph...	15.389	198	13371	5.046	ng	#	28
21) 4-Bromophenyl-phenylether	16.189	248	27905	5.194	ng	#	70
22) Hexachlorobenzene	16.301	284	28570	4.866	ng		99
23) Atrazine	16.475	200	26964	5.547	ng	#	90
24) Pentachlorophenol	16.649	266	18927	5.927	ng		99
25) Phenanthrene	17.034	178	141596	5.159	ng		99
26) Anthracene	17.120	178	138168	5.483	ng		99
28) Fluoranthene	19.059	202	173993	5.375	ng		99
30) Pyrene	19.421	202	174637	4.845	ng		100
32) Benzo(a)anthracene	21.171	228	148580	5.378	ng		99
33) Chrysene	21.224	228	148983	4.855	ng		98
34) Bis(2-ethylhexyl)phtha...	21.117	149	103401	5.248	ng	#	100
36) Indeno(1,2,3-cd)pyrene	25.585	276	125437	5.452	ng	#	94
37) Benzo(b)fluoranthene	22.725	252	138216	5.387	ng	#	89
38) Benzo(k)fluoranthene	22.766	252	135921	5.280	ng	#	90
39) Benzo(a)pyrene	23.284	252	113697	5.360	ng	#	82
40) Dibenzo(a,h)anthracene	25.593	278	97503	5.662	ng	#	89
41) Benzo(g,h,i)perylene	26.251	276	104960	5.112	ng		96

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

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