Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021025\
Data File : BN036409.D
Acq On : 10 Feb 2025 12:25
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Feb 11 00:34:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 00:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.753	152	2370	0.400	ng		0.00
7) Naphthalene-d8	10.552	136	5687	0.400	ng	#	0.01
13) Acenaphthene-d10	14.398	164	3837	0.400	ng		0.01
19) Phenanthrene-d10	17.136	188	8539	0.400	ng		0.00
29) Chrysene-d12	21.331	240	8027	0.400	ng	#	0.00
35) Perylene-d12	23.598	264	8068	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	598	0.099	ng		0.00
5) Phenol-d6	6.937	99	672	0.095	ng		0.00
8) Nitrobenzene-d5	8.907	82	711	0.134	ng		0.00
11) 2-Methylnaphthalene-d10	12.146	152	920	0.118	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	188	0.080	ng		0.01
15) 2-Fluorobiphenyl	13.019	172	1352	0.083	ng		0.00
27) Fluoranthene-d10	19.169	212	2368	0.108	ng		0.00
31) Terphenyl-d14	19.773	244	1725	0.104	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	329	0.126	ng		93
3) n-Nitrosodimethylamine	3.586	42	537	0.114	ng	#	96
6) bis(2-Chloroethyl)ether	7.183	93	819	0.140	ng		99
9) Naphthalene	10.594	128	1990	0.123	ng	#	91
10) Hexachlorobutadiene	10.883	225	454	0.089	ng	#	99
12) 2-Methylnaphthalene	12.217	142	1185	0.116	ng		96
16) Acenaphthylene	14.110	152	1733	0.098	ng		99
17) Acenaphthene	14.452	154	1194	0.098	ng		98
18) Fluorene	15.446	166	1627	0.104	ng		99
20) 4,6-Dinitro-2-methylph...	15.535	198	151	0.079	ng	#	36
21) 4-Bromophenyl-phenylether	16.342	248	518	0.089	ng	#	81
22) Hexachlorobenzene	16.453	284	651	0.085	ng		99
23) Atrazine	16.615	200	419	0.097	ng	#	85
24) Pentachlorophenol	16.801	266	298	0.089	ng		97
25) Phenanthrene	17.173	178	2633	0.105	ng		100
26) Anthracene	17.273	178	2113	0.093	ng		96
28) Fluoranthene	19.201	202	3077	0.104	ng		99
30) Pyrene	19.564	202	3179	0.099	ng		99
32) Benzo(a)anthracene	21.313	228	2523	0.088	ng		96
33) Chrysene	21.366	228	2908	0.099	ng		97
34) Bis(2-ethylhexyl)phtha...	21.241	149	1810	0.114	ng		99
36) Indeno(1,2,3-cd)pyrene	25.911	276	2385	0.075	ng		98
37) Benzo(b)fluoranthene	22.917	252	2367	0.083	ng	#	67
38) Benzo(k)fluoranthene	22.961	252	2537	0.087	ng	#	65
39) Benzo(a)pyrene	23.499	252	2200	0.089	ng	#	53
40) Dibenzo(a,h)anthracene	25.928	278	1827	0.073	ng	#	62
41) Benzo(g,h,i)perylene	26.607	276	2299	0.083	ng	#	83

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

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