Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050825\
Data File : BN036972.D
Acq On : 08 May 2025 14:28
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 08 15:00:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.626	152	1755	0.400	ng		0.00
7) Naphthalene-d8	10.404	136	4397	0.400	ng		#-0.01
13) Acenaphthene-d10	14.277	164	2406	0.400	ng		0.00
19) Phenanthrene-d10	17.021	188	4760	0.400	ng		# 0.00
29) Chrysene-d12	21.215	240	4148	0.400	ng		# 0.00
35) Perylene-d12	23.424	264	3956	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.221	112	1811	0.403	ng		0.00
5) Phenol-d6	6.802	99	2238	0.405	ng		0.00
8) Nitrobenzene-d5	8.771	82	1831	0.398	ng		-0.01
11) 2-Methylnaphthalene-d10	12.006	152	2365	0.385	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	409	0.381	ng		0.00
15) 2-Fluorobiphenyl	12.894	172	4719	0.406	ng		0.00
27) Fluoranthene-d10	19.054	212	4991	0.404	ng		0.00
31) Terphenyl-d14	19.663	244	3576	0.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	894	0.409	ng		90
3) n-Nitrosodimethylamine	3.466	42	1815	0.428	ng	#	94
6) bis(2-Chloroethyl)ether	7.055	93	1955	0.382	ng		98
9) Naphthalene	10.458	128	5069	0.396	ng		99
10) Hexachlorobutadiene	10.746	225	1085	0.392	ng	#	98
12) 2-Methylnaphthalene	12.077	142	3196	0.386	ng		98
16) Acenaphthylene	13.989	152	4531	0.385	ng		100
17) Acenaphthene	14.331	154	3025	0.392	ng		100
18) Fluorene	15.325	166	3969	0.393	ng		99
20) 4,6-Dinitro-2-methylph...	15.411	198	466	0.370	ng	#	78
21) 4-Bromophenyl-phenylether	16.214	248	1207	0.380	ng	#	64
22) Hexachlorobenzene	16.326	284	1332	0.383	ng		96
23) Atrazine	16.500	200	1005	0.392	ng		97
24) Pentachlorophenol	16.674	266	700	0.375	ng		97
25) Phenanthrene	17.058	178	6135	0.390	ng		100
26) Anthracene	17.158	178	5413	0.381	ng		100
28) Fluoranthene	19.087	202	7099	0.403	ng		99
30) Pyrene	19.449	202	7087	0.355	ng		99
32) Benzo(a)anthracene	21.198	228	5923	0.388	ng		98
33) Chrysene	21.251	228	6833	0.415	ng		99
34) Bis(2-ethylhexyl)phtha...	21.144	149	3730	0.429	ng		99
36) Indeno(1,2,3-cd)pyrene	25.637	276	6491	0.402	ng		98
37) Benzo(b)fluoranthene	22.760	252	6386	0.384	ng		99
38) Benzo(k)fluoranthene	22.804	252	6411	0.383	ng		97
39) Benzo(a)pyrene	23.328	252	5394	0.394	ng		97
40) Dibenzo(a,h)anthracene	25.652	278	4894	0.385	ng		99
41) Benzo(g,h,i)perylene	26.316	276	5674	0.402	ng		99

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

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