Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012025\
Data File : BN035991.D
Acq On : 20 Jan 2025 10:27
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 20 11:14:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.817	152	2147	0.400	ng		-0.02
7) Naphthalene-d8	10.611	136	4278	0.400	ng		#-0.01
13) Acenaphthene-d10	14.452	164	2153	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	4411	0.400	ng		-0.02
29) Chrysene-d12	21.367	240	3822	0.400	ng		-0.02
35) Perylene-d12	23.666	264	3850	0.400	ng		#-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.398	112	2408	0.457	ng		-0.01
5) Phenol-d6	6.972	99	2894	0.442	ng		-0.01
8) Nitrobenzene-d5	8.956	82	1775	0.524	ng		-0.03
11) 2-Methylnaphthalene-d10	12.198	152	2463	0.430	ng		-0.02
14) 2,4,6-Tribromophenol	15.933	330	553	0.535	ng		-0.02
15) 2-Fluorobiphenyl	13.073	172	3977	0.421	ng		-0.02
27) Fluoranthene-d10	19.220	212	4816	0.440	ng		-0.02
31) Terphenyl-d14	19.815	244	3403	0.447	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	988	0.463	ng		95
3) n-Nitrosodimethylamine	3.621	42	1749	0.470	ng	#	95
6) bis(2-Chloroethyl)ether	7.239	93	2415	0.485	ng		97
9) Naphthalene	10.654	128	5273	0.439	ng		97
10) Hexachlorobutadiene	10.953	225	1637	0.420	ng	#	98
12) 2-Methylnaphthalene	12.274	142	3238	0.436	ng		99
16) Acenaphthylene	14.164	152	4352	0.429	ng		100
17) Acenaphthene	14.506	154	2979	0.448	ng		99
18) Fluorene	15.500	166	3705	0.507	ng		99
20) 4,6-Dinitro-2-methylph...	15.560	198	370	0.483	ng	#	86
21) 4-Bromophenyl-phenylether	16.392	248	1338	0.442	ng	#	76
22) Hexachlorobenzene	16.504	284	1726	0.419	ng		96
23) Atrazine	16.653	200	912	0.449	ng	#	85
24) Pentachlorophenol	16.839	266	699	0.479	ng		98
25) Phenanthrene	17.223	178	5645	0.439	ng		99
26) Anthracene	17.323	178	4967	0.424	ng		98
28) Fluoranthene	19.248	202	6520	0.435	ng		99
30) Pyrene	19.611	202	6583	0.424	ng		100
32) Benzo(a)anthracene	21.349	228	5656	0.420	ng		99
33) Chrysene	21.403	228	5943	0.422	ng		99
34) Bis(2-ethylhexyl)phtha...	21.295	149	2945	0.537	ng		99
36) Indeno(1,2,3-cd)pyrene	26.002	276	5925	0.390	ng		98
37) Benzo(b)fluoranthene	22.970	252	5761	0.436	ng		98
38) Benzo(k)fluoranthene	23.017	252	5712	0.436	ng		99
39) Benzo(a)pyrene	23.561	252	4835	0.422	ng		98
40) Dibenzo(a,h)anthracene	26.017	278	4653	0.385	ng		99
41) Benzo(g,h,i)perylene	26.718	276	5237	0.388	ng		96

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

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