Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
Data File : BN035889.D
Acq On : 06 Jan 2025 10:05
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 06 11:08:48 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	7.832	152	1532	0.400	ng		0.00
7) Naphthalene-d8	10.622	136	2905	0.400	ng		0.00
13) Acenaphthene-d10	14.468	164	1384	0.400	ng		0.00
19) Phenanthrene-d10	17.206	188	2666	0.400	ng		0.00
29) Chrysene-d12	21.384	240	2259	0.400	ng		0.00
35) Perylene-d12	23.686	264	2595	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.405	112	1444	0.384	ng		0.00
5) Phenol-d6	6.979	99	1805	0.387	ng		0.00
8) Nitrobenzene-d5	8.977	82	976	0.424	ng		0.00
11) 2-Methylnaphthalene-d10	12.218	152	1486	0.382	ng		0.00
14) 2,4,6-Tribromophenol	15.952	330	251	0.378	ng		0.00
15) 2-Fluorobiphenyl	13.089	172	2441	0.402	ng		0.00
27) Fluoranthene-d10	19.234	212	2513	0.380	ng		0.00
31) Terphenyl-d14	19.833	244	1700	0.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	615	0.404	ng		96
3) n-Nitrosodimethylamine	3.628	42	1051	0.396	ng	#	94
6) bis(2-Chloroethyl)ether	7.254	93	1473	0.414	ng		99
9) Naphthalene	10.675	128	3213	0.394	ng		99
10) Hexachlorobutadiene	10.974	225	1045	0.395	ng	#	98
12) 2-Methylnaphthalene	12.289	142	1927	0.382	ng		98
16) Acenaphthylene	14.180	152	2555	0.392	ng		99
17) Acenaphthene	14.522	154	1686	0.395	ng		98
18) Fluorene	15.506	166	1760	0.374	ng		100
20) 4,6-Dinitro-2-methylph...	15.580	198	205	0.443	ng	#	85
21) 4-Bromophenyl-phenylether	16.399	248	699	0.382	ng		97
22) Hexachlorobenzene	16.523	284	975	0.391	ng		97
23) Atrazine	16.672	200	436	0.356	ng	#	90
24) Pentachlorophenol	16.858	266	345	0.391	ng		95
25) Phenanthrene	17.243	178	3012	0.387	ng		100
26) Anthracene	17.330	178	2660	0.376	ng		99
28) Fluoranthene	19.262	202	3379	0.373	ng		100
30) Pyrene	19.624	202	3454	0.377	ng		99
32) Benzo(a)anthracene	21.366	228	3036	0.381	ng		99
33) Chrysene	21.420	228	3233	0.388	ng		99
34) Bis(2-ethylhexyl)phtha...	21.322	149	1180	0.364	ng		98
36) Indeno(1,2,3-cd)pyrene	26.037	276	3728	0.364	ng		98
37) Benzo(b)fluoranthene	22.993	252	3269	0.367	ng		98
38) Benzo(k)fluoranthene	23.040	252	3280	0.372	ng		98
39) Benzo(a)pyrene	23.587	252	2865	0.371	ng		98
40) Dibenzo(a,h)anthracene	26.060	278	2944	0.362	ng		98
41) Benzo(g,h,i)perylene	26.756	276	3341	0.367	ng		99

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

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