Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
Data File : BN029974.D
Acq On : 24 Feb 2024 02:52
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 24 03:19:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4435	0.400	ng		-0.01
7) Naphthalene-d8	10.648	136	11876	0.400	ng		-0.02
13) Acenaphthene-d10	14.500	164	6171	0.400	ng		-0.01
19) Phenanthrene-d10	17.255	188	13328	0.400	ng		0.00
29) Chrysene-d12	21.456	240	10437	0.400	ng		# 0.00
35) Perylene-d12	23.818	264	9728	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.428	112	4542	0.426	ng		-0.01
5) Phenol-d6	7.024	99	5106	0.415	ng		-0.01
8) Nitrobenzene-d5	9.025	82	4172	0.422	ng		-0.01
11) 2-Methylnaphthalene-d10	12.246	152	6691	0.414	ng		-0.01
14) 2,4,6-Tribromophenol	16.002	330	1002	0.506	ng		0.00
15) 2-Fluorobiphenyl	13.121	172	9904	0.374	ng		-0.01
27) Fluoranthene-d10	19.289	212	14018	0.434	ng		0.00
31) Terphenyl-d14	19.898	244	10357	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2425	0.388	ng		98
3) n-Nitrosodimethylamine	3.687	42	2248	0.442	ng	#	95
6) bis(2-Chloroethyl)ether	7.298	93	4969	0.424	ng		98
9) Naphthalene	10.701	128	13395	0.396	ng		99
10) Hexachlorobutadiene	10.979	225	2602	0.406	ng	#	100
12) 2-Methylnaphthalene	12.318	142	8138	0.410	ng		100
16) Acenaphthylene	14.212	152	10502	0.358	ng		99
17) Acenaphthene	14.554	154	7544	0.383	ng		98
18) Fluorene	15.542	166	9590	0.389	ng		99
20) 4,6-Dinitro-2-methylph...	15.642	198	709	0.362	ng		91
21) 4-Bromophenyl-phenylether	16.449	248	3055	0.385	ng	#	86
22) Hexachlorobenzene	16.548	284	3766	0.387	ng		95
23) Atrazine	16.734	200	2473	0.439	ng		97
24) Pentachlorophenol	16.908	266	1428	0.463	ng		98
25) Phenanthrene	17.293	178	14808	0.376	ng		100
26) Anthracene	17.392	178	13161	0.392	ng		100
28) Fluoranthene	19.317	202	17966	0.405	ng		98
30) Pyrene	19.680	202	18421	0.383	ng		100
32) Benzo(a)anthracene	21.438	228	13315	0.373	ng		99
33) Chrysene	21.492	228	16064	0.396	ng		99
34) Bis(2-ethylhexyl)phtha...	21.384	149	8628	0.355	ng		100
36) Indeno(1,2,3-cd)pyrene	26.268	276	14794	0.378	ng		93
37) Benzo(b)fluoranthene	23.098	252	14260	0.410	ng		98
38) Benzo(k)fluoranthene	23.148	252	14493	0.398	ng		99
39) Benzo(a)pyrene	23.715	252	11946	0.394	ng		99
40) Dibenzo(a,h)anthracene	26.300	278	12146	0.390	ng		98
41) Benzo(g,h,i)perylene	27.007	276	14215	0.375	ng		97

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

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