Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
Data File : BN023103.D
Acq On : 09 Dec 2022 12:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 10 03:15:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 07:44:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.021	152	8612	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	25313	0.400	ng		0.00
13) Acenaphthene-d10	14.666	164	13673	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	29431	0.400	ng		#-0.01
29) Chrysene-d12	21.589	240	25869	0.400	ng		# 0.00
35) Perylene-d12	24.053	264	22125	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.558	112	6792	0.424	ng		0.00
5) Phenol-d6	7.168	99	8309	0.407	ng		0.00
8) Nitrobenzene-d5	9.185	82	6392	0.383	ng		0.00
11) 2-Methylnaphthalene-d10	12.424	152	18332	0.427	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1859	0.375	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	22131	0.405	ng		-0.01
27) Fluoranthene-d10	19.435	212	28030	0.407	ng		0.00
31) Terphenyl-d14	20.031	244	15430	0.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	3322	0.391	ng		99
3) n-Nitrosodimethylamine	3.731	42	3216	0.385	ng	#	94
6) bis(2-Chloroethyl)ether	7.436	93	9349	0.404	ng		99
9) Naphthalene	10.893	128	25497	0.395	ng		100
10) Hexachlorobutadiene	11.182	225	4919	0.400	ng	#	100
12) 2-Methylnaphthalene	12.114	142	3748	0.390	ng		98
16) Acenaphthylene	14.378	152	20061	0.364	ng		100
17) Acenaphthene	14.720	154	15631	0.386	ng		99
18) Fluorene	15.703	166	17697	0.391	ng		98
20) 4,6-Dinitro-2-methylph...	15.776	198	1251	0.448	ng		91
21) 4-Bromophenyl-phenylether	16.595	248	6247	0.398	ng		94
22) Hexachlorobenzene	16.719	284	8148	0.396	ng		99
23) Atrazine	16.856	200	4090	0.370	ng	#	89
24) Pentachlorophenol	17.054	266	2305	0.323	ng		96
25) Phenanthrene	17.452	178	33979	0.387	ng		100
26) Anthracene	17.539	178	25471	0.364	ng		100
28) Fluoranthene	19.465	202	36117	0.385	ng		100
30) Pyrene	19.827	202	35914	0.379	ng		100
32) Benzo(a)anthracene	21.571	228	31349	0.376	ng		99
33) Chrysene	21.625	228	38965	0.416	ng		99
34) Bis(2-ethylhexyl)phtha...	21.500	149	12249	0.348	ng		99
36) Indeno(1,2,3-cd)pyrene	26.623	276	38707	0.390	ng		100
37) Benzo(b)fluoranthene	23.299	252	33291	0.363	ng		100
38) Benzo(k)fluoranthene	23.349	252	33489	0.360	ng		99
39) Benzo(a)pyrene	23.942	252	28283	0.411	ng		97
40) Dibenzo(a,h)anthracene	26.649	278	30360	0.381	ng		98
41) Benzo(g,h,i)perylene	27.416	276	30432	0.358	ng		99

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

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