Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025399.D
Acq On : 11 May 2023 14:02
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: May 12 00:55:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:52:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.897	152	10493	0.400	ng		0.00
7) Naphthalene-d8	10.707	136	30334	0.400	ng		# 0.00
13) Acenaphthene-d10	14.544	164	17629	0.400	ng		0.00
19) Phenanthrene-d10	17.286	188	35762	0.400	ng		#-0.01
29) Chrysene-d12	21.491	240	26579	0.400	ng		# 0.00
35) Perylene-d12	23.928	264	23159	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.456	112	109237	4.492	ng		0.00
5) Phenol-d6	7.066	99	152307	4.610	ng		-0.01
8) Nitrobenzene-d5	9.063	82	129483	5.281	ng		-0.02
11) 2-Methylnaphthalene-d10	12.298	152	190534	4.763	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	49392	5.250	ng		-0.01
15) 2-Fluorobiphenyl	13.165	172	299409	4.891	ng		-0.01
27) Fluoranthene-d10	19.330	212	384544	4.698	ng		0.00
31) Terphenyl-d14	19.920	244	314855	4.917	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	41564	4.289	ng		94
3) n-Nitrosodimethylamine	3.636	42	74798	4.811	ng	#	94
6) bis(2-Chloroethyl)ether	7.319	93	124441	4.929	ng		94
9) Naphthalene	10.761	128	359141	4.700	ng		98
10) Hexachlorobutadiene	11.038	225	67675	4.561	ng	#	100
12) 2-Methylnaphthalene	12.370	142	251600	4.763	ng		98
16) Acenaphthylene	14.267	152	399849	4.881	ng		99
17) Acenaphthene	14.609	154	234227	4.833	ng		99
18) Fluorene	15.592	166	308093	4.802	ng		98
20) 4,6-Dinitro-2-methylph...	15.699	198	23394	5.007	ng	#	1
21) 4-Bromophenyl-phenylether	16.479	248	101054	5.011	ng		92
22) Hexachlorobenzene	16.603	284	105007	4.717	ng		99
23) Atrazine	16.752	200	83236	5.087	ng	#	93
24) Pentachlorophenol	16.951	266	59965	4.992	ng		99
25) Phenanthrene	17.336	178	466313	4.817	ng		100
26) Anthracene	17.423	178	475810	5.067	ng		100
28) Fluoranthene	19.359	202	522290	4.657	ng		100
30) Pyrene	19.722	202	536146	4.785	ng		100
32) Benzo(a)anthracene	21.473	228	425764	4.700	ng		96
33) Chrysene	21.527	228	411759	4.679	ng		97
34) Bis(2-ethylhexyl)phtha...	21.383	149	384140	4.400	ng		99
36) Indeno(1,2,3-cd)pyrene	26.462	276	402052	4.722	ng		99
37) Benzo(b)fluoranthene	23.182	252	367069	4.835	ng	#	81
38) Benzo(k)fluoranthene	23.226	252	369547	4.728	ng	#	81
39) Benzo(a)pyrene	23.822	252	354856	4.794	ng	#	77
40) Dibenzo(a,h)anthracene	26.474	278	323779	4.772	ng	#	83
41) Benzo(g,h,i)perylene	27.246	276	337538	4.706	ng	#	89

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

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