Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025322.D
Acq On : 06 May 2023 20:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 08 04:48:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 04:14:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	9281	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	29228	0.400	ng		0.00
13) Acenaphthene-d10	14.555	164	16464	0.400	ng		0.00
19) Phenanthrene-d10	17.299	188	33500	0.400	ng	#	0.00
29) Chrysene-d12	21.495	240	20930	0.400	ng	#	0.00
35) Perylene-d12	23.923	264	21098	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.463	112	10577	0.468	ng		0.00
5) Phenol-d6	7.081	99	14073	0.496	ng		0.00
8) Nitrobenzene-d5	9.074	82	10763	0.448	ng		-0.01
11) 2-Methylnaphthalene-d10	12.309	152	17943	0.449	ng		0.00
14) 2,4,6-Tribromophenol	16.057	330	3767	0.448	ng		0.00
15) 2-Fluorobiphenyl	13.176	172	27728	0.491	ng		0.00
27) Fluoranthene-d10	19.334	212	32202	0.389	ng		0.00
31) Terphenyl-d14	19.928	244	25750	0.610	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	4100	0.421	ng		99
3) n-Nitrosodimethylamine	3.657	42	7043	0.473	ng	#	97
6) bis(2-Chloroethyl)ether	7.333	93	11230	0.449	ng		98
9) Naphthalene	10.761	128	34453	0.459	ng		99
10) Hexachlorobutadiene	11.049	225	6854	0.483	ng	#	100
12) 2-Methylnaphthalene	12.381	142	23667	0.446	ng		99
16) Acenaphthylene	14.277	152	35031	0.475	ng		99
17) Acenaphthene	14.609	154	21580	0.471	ng		100
18) Fluorene	15.603	166	28194	0.449	ng		100
20) 4,6-Dinitro-2-methylph...	15.722	198	185	0.306	ng	#	27
21) 4-Bromophenyl-phenylether	16.492	248	8904	0.477	ng	#	84
22) Hexachlorobenzene	16.616	284	9822	0.487	ng		99
23) Atrazine	16.765	200	6984	0.427	ng	#	93
24) Pentachlorophenol	16.963	266	3174	0.673	ng		90
25) Phenanthrene	17.348	178	41737	0.450	ng		100
26) Anthracene	17.435	178	39881	0.459	ng		100
28) Fluoranthene	19.368	202	44026	0.380	ng		100
30) Pyrene	19.730	202	44329	0.620	ng		100
32) Benzo(a)anthracene	21.477	228	33844	0.478	ng		98
33) Chrysene	21.531	228	33964	0.482	ng		98
34) Bis(2-ethylhexyl)phtha...	21.388	149	31478	0.567	ng		99
36) Indeno(1,2,3-cd)pyrene	26.440	276	34895	0.413	ng		99
37) Benzo(b)fluoranthene	23.180	252	29948	0.448	ng	#	92
38) Benzo(k)fluoranthene	23.227	252	31491	0.450	ng	#	93
39) Benzo(a)pyrene	23.812	252	30031	0.438	ng	#	90
40) Dibenzo(a,h)anthracene	26.458	278	27196	0.407	ng	#	90
41) Benzo(g,h,i)perylene	27.218	276	29484	0.402	ng		95

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

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