Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025304.D
Acq On : 06 May 2023 07:36
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 08 04:18:32 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	5825	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	19221	0.400	ng		0.00
13) Acenaphthene-d10	14.555	164	12471	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	27819	0.400	ng	#	0.00
29) Chrysene-d12	21.500	240	25816	0.400	ng		0.00
35) Perylene-d12	23.936	264	26246	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.470	112	6180	0.436	ng		0.00
5) Phenol-d6	7.080	99	8246	0.463	ng		0.00
8) Nitrobenzene-d5	9.084	82	6628	0.419	ng		0.00
11) 2-Methylnaphthalene-d10	12.309	152	12467	0.475	ng		0.00
14) 2,4,6-Tribromophenol	16.057	330	2902	0.455	ng		0.00
15) 2-Fluorobiphenyl	13.176	172	19899	0.465	ng		0.00
27) Fluoranthene-d10	19.338	212	30050	0.437	ng		0.00
31) Terphenyl-d14	19.928	244	24768	0.476	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	2683	0.439	ng		100
3) n-Nitrosodimethylamine	3.664	42	4222	0.452	ng	#	97
6) bis(2-Chloroethyl)ether	7.333	93	6625	0.422	ng		98
9) Naphthalene	10.771	128	22967	0.466	ng		99
10) Hexachlorobutadiene	11.049	225	4440	0.476	ng	#	98
12) 2-Methylnaphthalene	12.385	142	16441	0.472	ng		99
16) Acenaphthylene	14.277	152	25626	0.459	ng		99
17) Acenaphthene	14.619	154	16151	0.465	ng		99
18) Fluorene	15.603	166	21702	0.456	ng		99
20) 4,6-Dinitro-2-methylph...	15.710	198	1029	0.450	ng	#	65
21) 4-Bromophenyl-phenylether	16.492	248	6959	0.448	ng	#	90
22) Hexachlorobenzene	16.616	284	8053	0.481	ng		99
23) Atrazine	16.765	200	5308	0.391	ng	#	94
24) Pentachlorophenol	16.963	266	2850	0.706	ng		91
25) Phenanthrene	17.348	178	34336	0.446	ng		99
26) Anthracene	17.435	178	31645	0.439	ng		100
28) Fluoranthene	19.367	202	41417	0.431	ng		99
30) Pyrene	19.730	202	43581	0.494	ng		100
32) Benzo(a)anthracene	21.482	228	40131	0.460	ng		99
33) Chrysene	21.535	228	42189	0.486	ng		99
34) Bis(2-ethylhexyl)phtha...	21.392	149	27894	0.407	ng		99
36) Indeno(1,2,3-cd)pyrene	26.480	276	38578	0.367	ng		99
37) Benzo(b)fluoranthene	23.194	252	40276	0.484	ng		98
38) Benzo(k)fluoranthene	23.240	252	41029	0.471	ng		99
39) Benzo(a)pyrene	23.834	252	39203	0.460	ng		98
40) Dibenzo(a,h)anthracene	26.497	278	31044	0.374	ng		99
41) Benzo(g,h,i)perylene	27.257	276	31770	0.348	ng		100

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

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