Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022323\
Data File : BN024101.D
Acq On : 23 Feb 2023 15:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Feb 24 02:18:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 03:52:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	5079	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	13350	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	7608	0.400	ng		0.00
19) Phenanthrene-d10	17.228	188	14666	0.400	ng		0.00
29) Chrysene-d12	21.428	240	11479	0.400	ng	#	0.00
35) Perylene-d12	23.816	264	9279	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.377	112	4686	0.444	ng		-0.01
5) Phenol-d6	6.988	99	5710	0.459	ng		0.00
8) Nitrobenzene-d5	8.982	82	4177	0.390	ng		-0.01
11) 2-Methylnaphthalene-d10	12.219	152	7426	0.400	ng		0.00
14) 2,4,6-Tribromophenol	15.975	330	1341	0.342	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	12684	0.421	ng		-0.01
27) Fluoranthene-d10	19.258	212	13318	0.374	ng		0.00
31) Terphenyl-d14	19.861	244	8691	0.406	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1876	0.389	ng		95
3) n-Nitrosodimethylamine	3.593	42	2093	0.388	ng	#	92
6) bis(2-Chloroethyl)ether	7.248	93	6070	0.488	ng		92
9) Naphthalene	10.669	128	14160	0.425	ng		99
10) Hexachlorobutadiene	10.957	225	3462	0.396	ng	#	99
12) 2-Methylnaphthalene	12.291	142	8972	0.405	ng		100
16) Acenaphthylene	14.196	152	11047	0.373	ng		99
17) Acenaphthene	14.538	154	8226	0.408	ng		99
18) Fluorene	15.521	166	11051	0.404	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	674	0.390	ng	#	66
21) 4-Bromophenyl-phenylether	16.421	248	3743	0.393	ng		94
22) Hexachlorobenzene	16.533	284	4864	0.424	ng		97
23) Atrazine	16.694	200	2338	0.375	ng	#	93
24) Pentachlorophenol	16.881	266	1543	0.446	ng		92
25) Phenanthrene	17.265	178	17237	0.426	ng		99
26) Anthracene	17.352	178	12678	0.381	ng		99
28) Fluoranthene	19.292	202	17513	0.378	ng		99
30) Pyrene	19.654	202	17544	0.441	ng		100
32) Benzo(a)anthracene	21.410	228	14961	0.407	ng		100
33) Chrysene	21.464	228	16127	0.407	ng		99
34) Bis(2-ethylhexyl)phtha...	21.329	149	7093	0.422	ng		100
36) Indeno(1,2,3-cd)pyrene	26.284	276	15701	0.372	ng		99
37) Benzo(b)fluoranthene	23.085	252	15058	0.401	ng	#	92
38) Benzo(k)fluoranthene	23.135	252	15272	0.411	ng	#	94
39) Benzo(a)pyrene	23.702	252	11017	0.387	ng	#	90
40) Dibenzo(a,h)anthracene	26.304	278	12416	0.368	ng		96
41) Benzo(g,h,i)perylene	27.035	276	13828	0.386	ng		96

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

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