Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050322\
Data File : BN019656.D
Acq On : 03 May 2022 19:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 04 07:33:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 02:56:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.876	152	4596	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	12968	0.400	ng		-0.01
13) Acenaphthene-d10	14.485	164	6584	0.400	ng		-0.01
19) Phenanthrene-d10	17.226	188	12646	0.400	ng		0.00
29) Chrysene-d12	21.414	240	10531	0.400	ng		# 0.00
35) Perylene-d12	23.761	264	9404	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	4138	0.365	ng		0.00
5) Phenol-d6	7.031	99	4903	0.361	ng		0.00
8) Nitrobenzene-d5	9.014	82	3865	0.419	ng		-0.01
11) 2-Methylnaphthalene-d10	12.246	152	8118	0.403	ng		-0.01
14) 2,4,6-Tribromophenol	15.974	330	765	0.363	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	11507	0.408	ng		-0.01
27) Fluoranthene-d10	19.253	212	13478	0.374	ng		0.00
31) Terphenyl-d14	19.856	244	9708	0.419	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	2132	0.397	ng		97
3) n-Nitrosodimethylamine	3.687	42	1908	0.455	ng	#	91
6) bis(2-Chloroethyl)ether	7.298	93	5070	0.438	ng		99
9) Naphthalene	10.712	128	14903	0.402	ng		100
10) Hexachlorobutadiene	11.011	225	2877	0.410	ng	#	100
12) 2-Methylnaphthalene	12.322	142	9418	0.404	ng		98
16) Acenaphthylene	14.207	152	11836	0.399	ng		99
17) Acenaphthene	14.549	154	8379	0.395	ng		99
18) Fluorene	15.532	166	10358	0.399	ng		98
20) 4,6-Dinitro-2-methylph...	15.607	198	389	0.321	ng		91
21) 4-Bromophenyl-phenylether	16.426	248	3106	0.401	ng	#	72
22) Hexachlorobenzene	16.538	284	3815	0.422	ng		98
23) Atrazine	16.682	200	1618	0.353	ng		99
24) Pentachlorophenol	16.877	266	1021	0.334	ng		96
25) Phenanthrene	17.267	178	16752	0.396	ng		100
26) Anthracene	17.359	178	13267	0.379	ng		99
28) Fluoranthene	19.287	202	17237	0.377	ng		99
30) Pyrene	19.649	202	17496	0.405	ng		100
32) Benzo(a)anthracene	21.396	228	14269	0.376	ng		99
33) Chrysene	21.449	228	16494	0.397	ng		99
34) Bis(2-ethylhexyl)phtha...	21.333	149	5951	0.343	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.176	276	17149	0.380	ng		99
37) Benzo(b)fluoranthene	23.048	252	14736	0.384	ng		95
38) Benzo(k)fluoranthene	23.095	252	16125	0.417	ng	#	92
39) Benzo(a)pyrene	23.656	252	11023	0.368	ng		94
40) Dibenzo(a,h)anthracene	26.194	278	13782	0.375	ng		97
41) Benzo(g,h,i)perylene	26.910	276	13992	0.359	ng		99

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

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