Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016270.D
Acq On : 09 Sep 2021 23:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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9/10/2021 3:23:47 PM

Quant Time: Sep 10 02:44:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 15:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	13322	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	66492	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	37536	0.400	ng		-0.01
19) Phenanthrene-d10	17.237	188	73854	0.400	ng		0.00
29) Chrysene-d12	21.429	240	71235	0.400	ng		0.00
35) Perylene-d12	23.813	264	43889	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.448	112	13103	0.386	ng		0.00
5) Phenol-d6	7.034	99	16290	0.383	ng		0.00
8) Nitrobenzene-d5	9.013	82	19979	0.374	ng		0.00
11) 2-Methylnaphthalene-d10	12.247	152	39646	0.382	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	5599	0.364	ng		0.00
15) 2-Fluorobiphenyl	13.114	172	56705	0.386	ng		0.00
27) Fluoranthene-d10	19.271	212	82744	0.381	ng		0.00
31) Terphenyl-d14	19.867	244	72046	0.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	1814	0.384	ng		87
3) n-Nitrosodimethylamine	3.742	42	3601	0.367	ng	#	100
6) bis(2-Chloroethyl)ether	7.292	93	13887	0.396	ng		100
9) Naphthalene	10.711	128	68860	0.388	ng		100
10) Hexachlorobutadiene	10.990	225	14006	0.387	ng	#	100
12) 2-Methylnaphthalene	12.318	142	46841	0.392	ng		99
16) Acenaphthylene	14.205	152	64135	0.382	ng		100
17) Acenaphthene	14.548	154	41819	0.384	ng		99
18) Fluorene	15.538	166	51666	0.383	ng		100
20) 4,6-Dinitro-2-methylph...	15.626	198	600	0.397	ng		89
21) 4-Bromophenyl-phenylether	16.433	248	15437	0.391	ng		96
22) Hexachlorobenzene	16.543	284	18891	0.399	ng		99
23) Atrazine	16.701	200	13264	0.365	ng		99
24) Pentachlorophenol	16.896	266	3140	0.534	ng		97
25) Phenanthrene	17.273	178	84027	0.392	ng		100
26) Anthracene	17.370	178	75601	0.383	ng		100
28) Fluoranthene	19.301	202	99651	0.396	ng		100
30) Pyrene	19.664	202	99948	0.414	ng		100
32) Benzo(a)anthracene	21.408	228	90180	0.406	ng		99
33) Chrysene	21.461	228	89216	0.405	ng		100
34) Bis(2-ethylhexyl)phtha...	21.334	149	51344	0.376	ng		100
36) Indeno(1,2,3-cd)pyrene	26.284	276	28877	0.395	ng		99
37) Benzo(b)fluoranthene	23.087	252	73055m	0.431	ng		
38) Benzo(k)fluoranthene	23.135	252	62932	0.417	ng		100
39) Benzo(a)pyrene	23.707	252	53193	0.422	ng	#	92
40) Dibenzo(a,h)anthracene	26.305	278	23132	0.414	ng		97
41) Benzo(g,h,i)perylene	27.041	276	22493	0.371	ng		98

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

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