Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022944.D
Acq On : 29 Nov 2022 08:51
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 30 00:20:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 05:14:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	6909	0.400	ng		0.00
7) Naphthalene-d8	10.882	136	18921	0.400	ng		0.00
13) Acenaphthene-d10	14.698	164	10248	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	21255	0.400	ng		#-0.01
29) Chrysene-d12	21.634	240	13694	0.400	ng		0.00
35) Perylene-d12	24.117	264	8550	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	6597	0.367	ng		0.00
5) Phenol-d6	7.204	99	8476	0.371	ng		0.00
8) Nitrobenzene-d5	9.227	82	5768	0.392	ng		0.00
11) 2-Methylnaphthalene-d10	12.465	152	18514	0.451	ng		0.00
14) 2,4,6-Tribromophenol	16.185	330	1574	0.318	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	19988	0.426	ng		0.00
27) Fluoranthene-d10	19.473	212	21935	0.380	ng		0.00
31) Terphenyl-d14	20.067	244	13775	0.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	3437	0.392	ng		97
3) n-Nitrosodimethylamine	3.774	42	3310	0.350	ng		97
6) bis(2-Chloroethyl)ether	7.479	93	8983	0.418	ng		99
9) Naphthalene	10.936	128	23663	0.406	ng		99
10) Hexachlorobutadiene	11.224	225	5024	0.420	ng	#	99
12) 2-Methylnaphthalene	12.151	142	3985	0.335	ng		98
16) Acenaphthylene	14.420	152	19583m	0.361	ng		
17) Acenaphthene	14.762	154	14439	0.404	ng		99
18) Fluorene	15.739	166	18170	0.397	ng		98
20) 4,6-Dinitro-2-methylph...	15.813	198	724	0.305	ng	#	75
21) 4-Bromophenyl-phenylether	16.632	248	6179	0.403	ng		93
22) Hexachlorobenzene	16.756	284	7997	0.427	ng		98
23) Atrazine	16.905	200	3619	0.335	ng	#	88
24) Pentachlorophenol	17.092	266	1493	0.291	ng		98
25) Phenanthrene	17.489	178	30541	0.413	ng		100
26) Anthracene	17.576	178	23713	0.370	ng		99
28) Fluoranthene	19.502	202	30347	0.386	ng		100
30) Pyrene	19.865	202	29472	0.413	ng		100
32) Benzo(a)anthracene	21.616	228	21039	0.380	ng		100
33) Chrysene	21.670	228	24514	0.427	ng		100
34) Bis(2-ethylhexyl)phtha...	21.544	149	8354	0.376	ng		100
36) Indeno(1,2,3-cd)pyrene	26.725	276	15628	0.441	ng		99
37) Benzo(b)fluoranthene	23.354	252	18314	0.480	ng		98
38) Benzo(k)fluoranthene	23.404	252	18085	0.437	ng		97
39) Benzo(a)pyrene	24.006	252	11696	0.402	ng	#	92
40) Dibenzo(a,h)anthracene	26.746	278	12463	0.442	ng		95
41) Benzo(g,h,i)perylene	27.521	276	13692	0.451	ng		98

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

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