Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071222\
Data File : BN020724.D
Acq On : 12 Jul 2022 21:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

Quant Time: Jul 13 02:42:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	4398	0.400	ng		0.00
7) Naphthalene-d8	10.616	136	14945	0.400	ng		#-0.01
13) Acenaphthene-d10	14.474	164	8174	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	14498	0.400	ng		0.00
29) Chrysene-d12	21.431	240	10772	0.400	ng		# 0.00
35) Perylene-d12	23.782	264	7754	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3950	0.324	ng		0.00
5) Phenol-d6	7.017	99	4682	0.321	ng		-0.01
8) Nitrobenzene-d5	8.982	82	4175	0.345	ng		-0.01
11) 2-Methylnaphthalene-d10	12.219	152	9102	0.355	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	730	0.237	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	13345	0.395	ng		-0.01
27) Fluoranthene-d10	19.261	212	16125	0.374	ng		0.00
31) Terphenyl-d14	19.868	244	10892	0.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	2333	0.405	ng		100
3) n-Nitrosodimethylamine	3.608	42	1871	0.356	ng		97
6) bis(2-Chloroethyl)ether	7.255	93	4324	0.345	ng		94
9) Naphthalene	10.669	128	17238	0.386	ng		99
10) Hexachlorobutadiene	10.968	225	3027	0.372	ng	#	100
12) 2-Methylnaphthalene	12.295	142	10878	0.367	ng		99
16) Acenaphthylene	14.185	152	13670	0.348	ng		99
17) Acenaphthene	14.527	154	10071	0.377	ng		95
18) Fluorene	15.522	166	11184	0.321	ng		99
20) 4,6-Dinitro-2-methylph...	15.639	198	423	0.374	ng	#	66
21) 4-Bromophenyl-phenylether	16.415	248	3278	0.389	ng		98
22) Hexachlorobenzene	16.538	284	3739	0.401	ng		98
23) Atrazine	16.692	200	1983	0.298	ng		97
24) Pentachlorophenol	16.887	266	666	0.406	ng		95
25) Phenanthrene	17.267	178	18051	0.369	ng		100
26) Anthracene	17.359	178	13934	0.331	ng		99
28) Fluoranthene	19.295	202	20655	0.387	ng		99
30) Pyrene	19.657	202	20545	0.450	ng		100
32) Benzo(a)anthracene	21.413	228	12644	0.329	ng		98
33) Chrysene	21.467	228	16639	0.390	ng		99
34) Bis(2-ethylhexyl)phtha...	21.351	149	7824	0.361	ng		98
36) Indeno(1,2,3-cd)pyrene	26.217	276	12241	0.354	ng		100
37) Benzo(b)fluoranthene	23.065	252	12250	0.410	ng		96
38) Benzo(k)fluoranthene	23.112	252	13372m	0.420	ng		
39) Benzo(a)pyrene	23.679	252	9773	0.377	ng	#	91
40) Dibenzo(a,h)anthracene	26.235	278	9715	0.351	ng		97
41) Benzo(g,h,i)perylene	26.957	276	10885	0.360	ng		98

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

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