Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016224.D
Acq On : 05 Sep 2021 12:11
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
9/7/2021 11:40:38 AM

Quant Time: Sep 06 07:10:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 02:08:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	15685m	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	82301	0.400	ng	0.00
13) Acenaphthene-d10	14.497	164	48805	0.400	ng	0.00
19) Phenanthrene-d10	17.237	188	98625	0.400	ng	#-0.01
29) Chrysene-d12	21.429	240	103895	0.400	ng	# 0.00
35) Perylene-d12	23.820	264	91460	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	16895	0.382	ng	0.00
5) Phenol-d6	7.043	99	21489	0.380	ng	0.00
8) Nitrobenzene-d5	9.025	82	24124	0.365	ng	0.00
11) 2-Methylnaphthalene-d10	12.252	152	52782	0.403	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	8682	0.399	ng	-0.01
15) 2-Fluorobiphenyl	13.114	172	71694	0.390	ng	-0.01
27) Fluoranthene-d10	19.276	212	118695	0.401	ng	0.00
31) Terphenyl-d14	19.872	244	100856	0.384	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	1831	0.365	ng	# 65
3) n-Nitrosodimethylamine	3.751	42	4722	0.387	ng	# 98
6) bis(2-Chloroethyl)ether	7.301	93	16754	0.409	ng	99
9) Naphthalene	10.711	128	85453	0.392	ng	100
10) Hexachlorobutadiene	11.002	225	17839	0.402	ng	# 100
12) 2-Methylnaphthalene	12.323	142	59307	0.404	ng	99
16) Acenaphthylene	14.218	152	84125	0.384	ng	100
17) Acenaphthene	14.561	154	54667	0.394	ng	100
18) Fluorene	15.538	166	68984	0.396	ng	100
20) 4,6-Dinitro-2-methylph...	15.626	198	1252	0.421	ng	# 74
21) 4-Bromophenyl-phenylether	16.434	248	20118	0.386	ng	# 90
22) Hexachlorobenzene	16.555	284	24094	0.392	ng	100
23) Atrazine	16.701	200	18291	0.347	ng	99
24) Pentachlorophenol	16.896	266	5182	0.548	ng	98
25) Phenanthrene	17.285	178	108948	0.395	ng	100
26) Anthracene	17.371	178	101559	0.386	ng	99
28) Fluoranthene	19.306	202	130988	0.400	ng	100
30) Pyrene	19.669	202	134223	0.397	ng	100
32) Benzo(a)anthracene	21.408	228	135422	0.388	ng	97
33) Chrysene	21.461	228	131845	0.389	ng	98
34) Bis(2-ethylhexyl)phtha...	21.334	149	81384	0.346	ng	99
36) Indeno(1,2,3-cd)pyrene	26.291	276	96165	0.378	ng	99
37) Benzo(b)fluoranthene	23.091	252	131092	0.420	ng	98
38) Benzo(k)fluoranthene	23.139	252	121358	0.424	ng	99
39) Benzo(a)pyrene	23.710	252	113806	0.411	ng	# 95
40) Dibenzo(a,h)anthracene	26.312	278	80978	0.381	ng	99
41) Benzo(g,h,i)perylene	27.055	276	74511	0.349	ng	99

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

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