Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
Data File : BN014091.D
Acq On : 25 Mar 2021 04:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
3/25/2021 11:50:57 AM

Quant Time: Mar 25 05:39:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 11:06:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.700	152	5596	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	21160	0.40	ng		-0.01
13) Acenaphthene-d10	14.321	164	12302	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	27012	0.40	ng		-0.01
29) Chrysene-d12	21.229	240	25998	0.40	ng		-0.01
36) Perylene-d12	23.438	264	25877	0.40	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	6273	0.49	ng		0.00
5) Phenol-d6	6.863	99	8040	0.49	ng		0.00
8) Nitrobenzene-d5	8.832	82	5834	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	12.062	152	14843	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	1650	0.41	ng		-0.01
15) 2-Fluorobiphenyl	12.938	172	19754	0.43	ng		-0.01
27) Fluoranthene-d10	19.089	212	33176	0.44	ng		0.00
31) Terphenyl-d14	19.689	244	26579	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.238	88	3106	0.42	ng		99
3) n-Nitrosodimethylamine	3.577	42	2019	0.41	ng	#	89
6) bis(2-Chloroethyl)ether	7.128	93	6447	0.45	ng		94
9) Naphthalene	10.517	128	23498	0.45	ng		100
10) Hexachlorobutadiene	10.809	225	4291	0.44	ng	#	99
12) 2-Methylnaphthalene	12.133	142	15886	0.45	ng		99
16) Acenaphthylene	14.041	152	19388	0.41	ng		100
17) Acenaphthene	14.384	154	14718	0.42	ng		99
18) Fluorene	15.374	166	18726	0.43	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	1168	0.39	ng	#	75
21) 4-Bromophenyl-phenylether	16.264	248	5915	0.43	ng	#	76
22) Hexachlorobenzene	16.374	284	6638	0.42	ng		98
23) Atrazine	16.532	200	3784	0.40	ng		99
24) Pentachlorophenol	16.714	266	1530	0.41	ng		93
25) Phenanthrene	17.104	178	31598	0.43	ng		100
26) Anthracene	17.189	178	25734	0.42	ng		100
28) Fluoranthene	19.119	202	35833	0.44	ng		99
30) Pyrene	19.481	202	36132	0.45	ng		100
32) Benzo(a)anthracene	21.218	228	31546	0.42	ng		99
33) Chrysene	21.271	228	37058	0.46	ng		97
34) Bis(2-ethylhexyl)phtha...	21.154	149	9932	0.36	ng		98
35) Indeno(1,2,3-cd)pyrene	25.642	276	42002	0.48	ng		99
37) Benzo(b)fluoranthene	22.774	252	38903	0.41	ng		99
38) Benzo(k)fluoranthene	22.822	252	39015m	0.42	ng		
39) Benzo(a)pyrene	23.342	252	34901	0.43	ng		99
40) Dibenzo(a,h)anthracene	25.659	278	35448	0.41	ng		98
41) Benzo(g,h,i)perylene	26.320	276	37192	0.41	ng		98

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

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