Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
Data File : BN014034.D
Acq On : 23 Mar 2021 09:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
3/23/2021 11:23:00 AM

Quant Time: Mar 23 10:06:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 19 14:40:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.692	152	7325	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	26905	0.40	ng		-0.01
13) Acenaphthene-d10	14.321	164	14448	0.40	ng		-0.01
19) Phenanthrene-d10	17.055	188	31831	0.40	ng		-0.01
29) Chrysene-d12	21.239	240	31066	0.40	ng		#-0.01
36) Perylene-d12	23.451	264	29162	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	7210	0.43	ng		-0.02
5) Phenol-d6	6.854	99	9121	0.43	ng		-0.02
8) Nitrobenzene-d5	8.832	82	6691	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	12.057	152	17217	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	15.805	330	1861	0.39	ng		-0.01
15) 2-Fluorobiphenyl	12.938	172	22630	0.42	ng		-0.01
27) Fluoranthene-d10	19.089	212	36043	0.41	ng		-0.01
31) Terphenyl-d14	19.690	244	29114	0.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	4489	0.46	ng		89
3) n-Nitrosodimethylamine	3.561	42	2971	0.46	ng	#	96
6) bis(2-Chloroethyl)ether	7.120	93	8169	0.43	ng		96
9) Naphthalene	10.517	128	27641	0.41	ng		100
10) Hexachlorobutadiene	10.809	225	5115	0.41	ng	#	100
12) 2-Methylnaphthalene	12.133	142	18444	0.41	ng		99
16) Acenaphthylene	14.041	152	21645	0.39	ng		100
17) Acenaphthene	14.384	154	16864	0.41	ng		100
18) Fluorene	15.374	166	20857	0.41	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	1344	0.38	ng		91
21) 4-Bromophenyl-phenylether	16.264	248	6591	0.40	ng	#	81
22) Hexachlorobenzene	16.374	284	7641	0.41	ng		100
23) Atrazine	16.532	200	4072	0.36	ng		99
24) Pentachlorophenol	16.714	266	1747	0.39	ng		96
25) Phenanthrene	17.104	178	36057	0.41	ng		100
26) Anthracene	17.189	178	28433	0.40	ng		100
28) Fluoranthene	19.119	202	39367	0.41	ng		99
30) Pyrene	19.486	202	39453	0.41	ng		100
32) Benzo(a)anthracene	21.229	228	34772	0.39	ng		99
33) Chrysene	21.271	228	41089	0.43	ng		99
34) Bis(2-ethylhexyl)phtha...	21.165	149	11147	0.34	ng		100
35) Indeno(1,2,3-cd)pyrene	25.659	276	47321	0.46	ng		99
37) Benzo(b)fluoranthene	22.787	252	42763	0.40	ng		98
38) Benzo(k)fluoranthene	22.832	252	43319m	0.42	ng		
39) Benzo(a)pyrene	23.352	252	38540	0.42	ng	#	96
40) Dibenzo(a,h)anthracene	25.673	278	39775	0.41	ng		98
41) Benzo(g,h,i)perylene	26.333	276	41243	0.41	ng		98

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

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