Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030321\
Data File : BN013823.D
Acq On : 03 Mar 2021 17:06
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
3/4/2021 11:33:04 AM

Quant Time: Mar 03 17:43:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.733	152	6168	0.40	ng		0.00
7) Naphthalene-d8	10.518	136	23116	0.40	ng		-0.01
13) Acenaphthene-d10	14.372	164	12329	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	26151	0.40	ng		#-0.01
29) Chrysene-d12	21.293	240	25653	0.40	ng		# 0.00
36) Perylene-d12	23.534	264	24889	0.40	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.325	112	6111	0.37	ng		0.00
5) Phenol-d6	6.895	99	8316	0.38	ng		0.00
8) Nitrobenzene-d5	8.870	82	6387	0.43	ng		-0.01
11) 2-Methylnaphthalene-d10	12.106	152	14762	0.39	ng		-0.01
14) 2,4,6-Tribromophenol	15.856	330	1599	0.32	ng		-0.01
15) 2-Fluorobiphenyl	12.989	172	19562	0.45	ng		-0.01
27) Fluoranthene-d10	19.144	212	29137	0.38	ng		-0.01
31) Terphenyl-d14	19.744	244	22953	0.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	3345	0.45	ng		97
3) n-Nitrosodimethylamine	3.585	42	2546	0.44	ng	#	89
6) bis(2-Chloroethyl)ether	7.161	93	7091	0.45	ng		94
9) Naphthalene	10.568	128	23960	0.42	ng		99
10) Hexachlorobutadiene	10.860	225	4565	0.42	ng	#	100
12) 2-Methylnaphthalene	12.182	142	15964	0.40	ng		99
16) Acenaphthylene	14.080	152	19604	0.36	ng		100
17) Acenaphthene	14.435	154	14024	0.41	ng		98
18) Fluorene	15.425	166	17381	0.39	ng		99
20) 4,6-Dinitro-2-methylph...	15.488	198	896	0.49	ng	#	60
21) 4-Bromophenyl-phenylether	16.313	248	5646	0.40	ng	#	87
22) Hexachlorobenzene	16.423	284	6657	0.45	ng		100
23) Atrazine	16.581	200	3575	0.27	ng		99
24) Pentachlorophenol	16.763	266	1803	0.37	ng		95
25) Phenanthrene	17.153	178	28734	0.42	ng		100
26) Anthracene	17.250	178	24311	0.37	ng		100
28) Fluoranthene	19.174	202	31867	0.39	ng		99
30) Pyrene	19.536	202	32351	0.41	ng		100
32) Benzo(a)anthracene	21.271	228	28782	0.36	ng		96
33) Chrysene	21.324	228	32505	0.42	ng		100
34) Bis(2-ethylhexyl)phtha...	21.218	149	8529	0.23	ng		98
35) Indeno(1,2,3-cd)pyrene	25.793	276	38942	0.42	ng		99
37) Benzo(b)fluoranthene	22.863	252	33739	0.42	ng		95
38) Benzo(k)fluoranthene	22.904	252	34840m	0.45	ng		
39) Benzo(a)pyrene	23.438	252	29867	0.42	ng		96
40) Dibenzo(a,h)anthracene	25.810	278	32048	0.42	ng		97
41) Benzo(g,h,i)perylene	26.484	276	32087	0.42	ng		98

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

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