Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
Data File : BN014010.D
Acq On : 22 Mar 2021 13:31
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
3/23/2021 11:22:43 AM

Quant Time: Mar 22 14:05:59 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	7.700	152	5515	0.40	ng		0.00
7) Naphthalene-d8	10.480	136	20004	0.40	ng		# 0.00
13) Acenaphthene-d10	14.321	164	10765	0.40	ng		-0.01
19) Phenanthrene-d10	17.068	188	23561	0.40	ng		# 0.00
29) Chrysene-d12	21.250	240	22600	0.40	ng		# 0.00
36) Perylene-d12	23.462	264	21138	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	5487	0.43	ng		0.00
5) Phenol-d6	6.871	99	6749	0.42	ng		0.00
8) Nitrobenzene-d5	8.845	82	5016	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.066	152	12512	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	1143	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.951	172	16641	0.41	ng		0.00
27) Fluoranthene-d10	19.099	212	26413	0.40	ng		0.00
31) Terphenyl-d14	19.700	244	21190	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	2940	0.40	ng		99
3) n-Nitrosodimethylamine	3.585	42	1466	0.30	ng	#	96
6) bis(2-Chloroethyl)ether	7.128	93	5896	0.42	ng		95
9) Naphthalene	10.530	128	20562	0.41	ng		99
10) Hexachlorobutadiene	10.809	225	3857	0.41	ng	#	99
12) 2-Methylnaphthalene	12.142	142	13509	0.40	ng		99
16) Acenaphthylene	14.042	152	15846	0.38	ng		99
17) Acenaphthene	14.384	154	12098	0.40	ng		98
18) Fluorene	15.374	166	15321	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	904	0.34	ng	#	60
21) 4-Bromophenyl-phenylether	16.264	248	4823	0.40	ng		98
22) Hexachlorobenzene	16.374	284	5829	0.42	ng		100
23) Atrazine	16.532	200	2944	0.36	ng		96
24) Pentachlorophenol	16.727	266	1016	0.31	ng		95
25) Phenanthrene	17.104	178	26168	0.41	ng		100
26) Anthracene	17.201	178	20609	0.39	ng		99
28) Fluoranthene	19.129	202	28765	0.40	ng		99
30) Pyrene	19.491	202	28958	0.42	ng		100
32) Benzo(a)anthracene	21.229	228	25514	0.40	ng		98
33) Chrysene	21.282	228	29269	0.42	ng		99
34) Bis(2-ethylhexyl)phtha...	21.165	149	7375	0.31	ng		100
35) Indeno(1,2,3-cd)pyrene	25.673	276	33631	0.44	ng		99
37) Benzo(b)fluoranthene	22.798	252	31493	0.41	ng		98
38) Benzo(k)fluoranthene	22.839	252	30893m	0.41	ng		
39) Benzo(a)pyrene	23.366	252	27554	0.42	ng		98
40) Dibenzo(a,h)anthracene	25.687	278	28342	0.40	ng		98
41) Benzo(g,h,i)perylene	26.351	276	29650	0.40	ng		98

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

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