Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
Data File : BN014027.D
Acq On : 22 Mar 2021 23:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
3/23/2021 11:22:55 AM

Quant Time: Mar 23 00:21:58 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	5471	0.40	ng		0.00
7) Naphthalene-d8	10.480	136	20194	0.40	ng		# 0.00
13) Acenaphthene-d10	14.321	164	11001	0.40	ng		-0.01
19) Phenanthrene-d10	17.067	188	23792	0.40	ng		# 0.00
29) Chrysene-d12	21.237	240	23955	0.40	ng		-0.01
36) Perylene-d12	23.449	264	23850	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	5481	0.44	ng		0.00
5) Phenol-d6	6.863	99	6913	0.43	ng		0.00
8) Nitrobenzene-d5	8.845	82	5045	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.066	152	12761	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	1249	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.951	172	17016	0.41	ng		0.00
27) Fluoranthene-d10	19.091	212	27734	0.42	ng		0.00
31) Terphenyl-d14	19.692	244	22036	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	2863	0.40	ng		99
3) n-Nitrosodimethylamine	3.577	42	1561	0.32	ng	#	95
6) bis(2-Chloroethyl)ether	7.129	93	5895	0.42	ng		96
9) Naphthalene	10.518	128	20721	0.41	ng		100
10) Hexachlorobutadiene	10.809	225	3828	0.41	ng	#	99
12) 2-Methylnaphthalene	12.137	142	13754	0.41	ng		99
16) Acenaphthylene	14.042	152	16344	0.39	ng		100
17) Acenaphthene	14.384	154	12531	0.40	ng		100
18) Fluorene	15.374	166	15923	0.41	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	910	0.34	ng		88
21) 4-Bromophenyl-phenylether	16.264	248	4988	0.41	ng	#	89
22) Hexachlorobenzene	16.373	284	5814	0.41	ng		100
23) Atrazine	16.532	200	3017	0.36	ng		98
24) Pentachlorophenol	16.714	266	1049	0.32	ng		98
25) Phenanthrene	17.104	178	26716	0.41	ng		100
26) Anthracene	17.189	178	21685	0.41	ng		100
28) Fluoranthene	19.121	202	29833	0.41	ng		99
30) Pyrene	19.483	202	30318	0.41	ng		100
32) Benzo(a)anthracene	21.226	228	26739	0.39	ng		99
33) Chrysene	21.268	228	31713	0.43	ng		99
34) Bis(2-ethylhexyl)phtha...	21.162	149	8117	0.32	ng		99
35) Indeno(1,2,3-cd)pyrene	25.660	276	37246	0.46	ng		99
37) Benzo(b)fluoranthene	22.785	252	35043	0.40	ng		98
38) Benzo(k)fluoranthene	22.829	252	33177m	0.39	ng		
39) Benzo(a)pyrene	23.353	252	30519	0.41	ng		98
40) Dibenzo(a,h)anthracene	25.670	278	31269	0.40	ng		98
41) Benzo(g,h,i)perylene	26.334	276	32788	0.40	ng		98

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

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