Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032521\
Data File : BN014106.D
Acq On : 25 Mar 2021 15:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
3/26/2021 1:30:18 PM

Quant Time: Mar 25 15:35:45 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	7.692	152	5519	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	21244	0.40	ng		-0.01
13) Acenaphthene-d10	14.321	164	12658	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	26854	0.40	ng		-0.01
29) Chrysene-d12	21.229	240	26812	0.40	ng		-0.01
36) Perylene-d12	23.438	264	27674	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	6366	0.50	ng		0.00
5) Phenol-d6	6.863	99	8129	0.50	ng		0.00
8) Nitrobenzene-d5	8.832	82	5851	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	12.057	152	14818	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	1695	0.41	ng		-0.01
15) 2-Fluorobiphenyl	12.938	172	19794	0.42	ng		-0.01
27) Fluoranthene-d10	19.084	212	33641	0.45	ng		0.00
31) Terphenyl-d14	19.685	244	26896	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	3273	0.45	ng		94
3) n-Nitrosodimethylamine	3.577	42	1887	0.39	ng	#	98
6) bis(2-Chloroethyl)ether	7.129	93	6447	0.45	ng		95
9) Naphthalene	10.518	128	23506	0.45	ng		100
10) Hexachlorobutadiene	10.809	225	4190	0.42	ng	#	99
12) 2-Methylnaphthalene	12.133	142	15955	0.45	ng		100
16) Acenaphthylene	14.029	152	19952	0.41	ng		99
17) Acenaphthene	14.384	154	15063	0.42	ng		99
18) Fluorene	15.361	166	18713	0.42	ng		98
20) 4,6-Dinitro-2-methylph...	15.450	198	1179	0.39	ng	#	83
21) 4-Bromophenyl-phenylether	16.252	248	5940	0.43	ng	#	91
22) Hexachlorobenzene	16.374	284	6670	0.42	ng		98
23) Atrazine	16.520	200	3856	0.41	ng	#	90
24) Pentachlorophenol	16.715	266	1575	0.42	ng		97
25) Phenanthrene	17.092	178	32267	0.44	ng		100
26) Anthracene	17.189	178	26155	0.43	ng		99
28) Fluoranthene	19.114	202	36158	0.44	ng		99
30) Pyrene	19.476	202	36728	0.45	ng		100
32) Benzo(a)anthracene	21.218	228	33384	0.44	ng		100
33) Chrysene	21.271	228	38373	0.46	ng		97
34) Bis(2-ethylhexyl)phtha...	21.154	149	9961	0.35	ng		98
35) Indeno(1,2,3-cd)pyrene	25.646	276	45047	0.50	ng		99
37) Benzo(b)fluoranthene	22.777	252	41548	0.41	ng		99
38) Benzo(k)fluoranthene	22.818	252	40662m	0.41	ng		
39) Benzo(a)pyrene	23.342	252	38146	0.44	ng		99
40) Dibenzo(a,h)anthracene	25.656	278	38045	0.41	ng		98
41) Benzo(g,h,i)perylene	26.313	276	39777	0.41	ng		98

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

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