Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100519\
Data File : BN008023.D
Acq On : 05 Oct 2019 13:29
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
10/7/2019 4:39:37 PM

Quant Time: Oct 07 05:32:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	4314	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	16730	0.40	ng		-0.01
13) Acenaphthene-d10	14.30	164	10859	0.40	ng		-0.02
19) Phenanthrene-d10	17.06	188	21571	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	22224	0.40	ng		-0.02
34) Perylene-d12	23.47	264	23651	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	5600	0.38	ng		0.00
5) Phenol-d6	6.88	99	7172	0.39	ng		0.00
8) Nitrobenzene-d5	8.82	82	6632	0.45	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	11857	0.42	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	2480	0.42	ng		-0.01
15) 2-Fluorobiphenyl	12.92	172	16265	0.36	ng		-0.02
25) Fluoranthene-d10	19.09	212	29628	0.41	ng		-0.02
29) Terphenyl-d14	19.69	244	24872	0.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	2086	0.434	ng	#	84
3) n-Nitrosodimethylamine	2.97	42	1150m	0.522	ng		
6) bis(2-Chloroethyl)ether	7.11	93	6223	0.509	ng	#	89
9) Naphthalene	10.49	128	19347	0.412	ng		98
10) Hexachlorobutadiene	10.79	225	4505	0.456	ng	#	100
12) 2-Methylnaphthalene	12.12	142	13299	0.419	ng		99
16) Acenaphthylene	14.02	152	20992	0.364	ng		100
17) Acenaphthene	14.37	154	13067	0.352	ng		98
18) Fluorene	15.36	166	16938	0.356	ng		99
20) 4-Bromophenyl-phenylether	16.25	248	5591	0.427	ng		94
21) Hexachlorobenzene	16.37	284	6209	0.434	ng		97
22) Pentachlorophenol	16.73	266	2253	0.427	ng		98
23) Phenanthrene	17.09	178	27413	0.408	ng		99
24) Anthracene	17.19	178	26373	0.435	ng		99
26) Fluoranthene	19.12	202	34181	0.409	ng		99
28) Pyrene	19.49	202	35238	0.465	ng		100
30) Benzo(a)anthracene	21.24	228	34196	0.418	ng		97
31) Chrysene	21.29	228	33237	0.417	ng		96
32) Bis(2-ethylhexyl)phthalate	21.17	149	21950	0.521	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	37908	0.380	ng		98
35) Benzo(b)fluoranthene	22.81	252	32655	0.398	ng	#	77
36) Benzo(k)fluoranthene	22.85	252	32856	0.405	ng	#	80
37) Benzo(a)pyrene	23.37	252	30943	0.401	ng	#	67
38) Dibenzo(a,h)anthracene	25.69	278	30883	0.391	ng	#	82
39) Benzo(g,h,i)perylene	26.36	276	30721	0.393	ng	#	87

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

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