Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100319\
Data File : BN007985.D
Acq On : 03 Oct 2019 18:00
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 8:27:09 AM

Quant Time: Oct 04 08:29:32 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	3427	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	14016	0.40	ng		-0.01
13) Acenaphthene-d10	14.30	164	9181	0.40	ng		-0.02
19) Phenanthrene-d10	17.05	188	20802	0.40	ng		-0.02
27) Chrysene-d12	21.25	240	24959	0.40	ng		-0.02
34) Perylene-d12	23.46	264	27420	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	4349	0.37	ng		-0.02
5) Phenol-d6	6.86	99	5575	0.38	ng		0.00
8) Nitrobenzene-d5	8.82	82	4827	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	10048	0.43	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	1957	0.39	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	14368	0.38	ng		-0.01
25) Fluoranthene-d10	19.09	212	29834	0.43	ng		-0.02
29) Terphenyl-d14	19.69	244	25801	0.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	1604	0.420	ng		97
3) n-Nitrosodimethylamine	2.98	42	1122	0.641	ng	#	94
6) bis(2-Chloroethyl)ether	7.12	93	4192	0.432	ng		95
9) Naphthalene	10.49	128	16348	0.416	ng		98
10) Hexachlorobutadiene	10.80	225	3637	0.439	ng	#	100
12) 2-Methylnaphthalene	12.12	142	11410	0.429	ng		99
16) Acenaphthylene	14.02	152	18281	0.375	ng		99
17) Acenaphthene	14.37	154	11398	0.363	ng		96
18) Fluorene	15.36	166	15334	0.381	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	5184	0.411	ng		93
21) Hexachlorobenzene	16.37	284	5890	0.427	ng		97
22) Pentachlorophenol	16.72	266	2165	0.425	ng		99
23) Phenanthrene	17.09	178	26116	0.403	ng		100
24) Anthracene	17.19	178	24171	0.413	ng		100
26) Fluoranthene	19.12	202	33887	0.421	ng		99
28) Pyrene	19.48	202	35266	0.414	ng		100
30) Benzo(a)anthracene	21.23	228	37086	0.403	ng		100
31) Chrysene	21.28	228	36889	0.412	ng		100
32) Bis(2-ethylhexyl)phthalate	21.17	149	21860	0.462	ng		99
33) Indeno(1,2,3-cd)pyrene	25.67	276	43486	0.388	ng		99
35) Benzo(b)fluoranthene	22.80	252	38906m	0.409	ng		
36) Benzo(k)fluoranthene	22.84	252	37691	0.400	ng		97
37) Benzo(a)pyrene	23.37	252	35927	0.402	ng	#	91
38) Dibenzo(a,h)anthracene	25.68	278	35747	0.391	ng		98
39) Benzo(g,h,i)perylene	26.34	276	35713	0.394	ng		99

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

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