Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008004.D
Acq On : 04 Oct 2019 15:35
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 8:45:14 AM

Quant Time: Oct 05 03:16:57 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	7.68	152	4747	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	18615	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	11267	0.40	ng		-0.02
19) Phenanthrene-d10	17.05	188	24067	0.40	ng		-0.02
27) Chrysene-d12	21.25	240	26022	0.40	ng		-0.02
34) Perylene-d12	23.46	264	28511	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	5729	0.35	ng		-0.02
5) Phenol-d6	6.86	99	7269	0.36	ng		0.00
8) Nitrobenzene-d5	8.82	82	6407	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	13020	0.42	ng		-0.02
14) 2,4,6-Tribromophenol	15.80	330	2143	0.35	ng		-0.02
15) 2-Fluorobiphenyl	12.92	172	18187	0.39	ng		-0.02
25) Fluoranthene-d10	19.08	212	32257	0.40	ng		-0.02
29) Terphenyl-d14	19.69	244	27341	0.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	2204m	0.417	ng		
3) n-Nitrosodimethylamine	2.97	42	1560	0.644	ng		95
6) bis(2-Chloroethyl)ether	7.11	93	5769	0.429	ng		92
9) Naphthalene	10.49	128	21387	0.409	ng		99
10) Hexachlorobutadiene	10.79	225	4881	0.444	ng	#	100
12) 2-Methylnaphthalene	12.11	142	14681	0.416	ng		99
16) Acenaphthylene	14.01	152	22421	0.375	ng		99
17) Acenaphthene	14.37	154	14182	0.368	ng		96
18) Fluorene	15.35	166	18114	0.367	ng		100
20) 4-Bromophenyl-phenylether	16.24	248	5927	0.406	ng	#	78
21) Hexachlorobenzene	16.37	284	6908	0.433	ng		98
22) Pentachlorophenol	16.71	266	2057m	0.349	ng		
23) Phenanthrene	17.09	178	29753	0.397	ng		100
24) Anthracene	17.18	178	27347	0.404	ng		100
26) Fluoranthene	19.11	202	36798	0.395	ng		100
28) Pyrene	19.48	202	38261	0.431	ng		100
30) Benzo(a)anthracene	21.23	228	39061	0.408	ng		99
31) Chrysene	21.28	228	38001	0.407	ng		100
32) Bis(2-ethylhexyl)phthalate	21.17	149	21882	0.444	ng		99
33) Indeno(1,2,3-cd)pyrene	25.65	276	46353	0.396	ng		98
35) Benzo(b)fluoranthene	22.80	252	39025m	0.394	ng		
36) Benzo(k)fluoranthene	22.84	252	40587	0.415	ng		97
37) Benzo(a)pyrene	23.36	252	37737	0.406	ng	#	85
38) Dibenzo(a,h)anthracene	25.67	278	37867	0.398	ng		98
39) Benzo(g,h,i)perylene	26.33	276	37872	0.402	ng		99

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

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