Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
Data File : BN009776.D
Acq On : 19 Feb 2020 13:32
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Feb 19 14:15:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 13:45:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	1009	0.40	ng		0.00
7) Naphthalene-d8	10.16	136	3272	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	2032	0.40	ng		-0.01
19) Phenanthrene-d10	16.80	188	4537	0.40	ng		-0.01
27) Chrysene-d12	21.03	240	4411	0.40	ng		-0.01
34) Perylene-d12	23.14	264	4202	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.08	112	3658	1.58	ng		0.00
5) Phenol-d6	6.62	99	4616	1.72	ng		-0.02
8) Nitrobenzene-d5	8.57	82	4762	1.83	ng		-0.03
11) 2-Methylnaphthalene-d10	11.77	152	10596	1.68	ng		-0.02
14) 2,4,6-Tribromophenol	15.56	330	1307	1.70	ng		-0.02
15) 2-Fluorobiphenyl	12.66	172	13119	1.73	ng		-0.02
25) Fluoranthene-d10	18.85	212	26558	1.71	ng		-0.01
29) Terphenyl-d14	19.47	244	17169	1.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	1722	1.636	ng		98
3) n-Nitrosodimethylamine	3.42	42	2989	1.839	ng	#	95
6) bis(2-Chloroethyl)ether	6.87	93	3954	1.430	ng		86
9) Naphthalene	10.21	128	14415	1.628	ng		94
10) Hexachlorobutadiene	10.49	225	3131	1.612	ng	#	97
12) 2-Methylnaphthalene	11.84	142	10092	1.635	ng		98
16) Acenaphthylene	13.77	152	14967	1.708	ng		99
17) Acenaphthene	14.11	154	10178	1.651	ng		99
18) Fluorene	15.12	166	13474	1.678	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	4035	1.477	ng		99
21) Hexachlorobenzene	16.12	284	4700	1.616	ng		99
22) Pentachlorophenol	16.50	266	1244	1.523	ng		87
23) Phenanthrene	16.85	178	22589	1.657	ng		99
24) Anthracene	16.94	178	19535	1.707	ng		100
26) Fluoranthene	18.88	202	27578	1.725	ng		100
28) Pyrene	19.25	202	26996	1.615	ng		100
30) Benzo(a)anthracene	21.00	228	24632	1.699	ng		98
31) Chrysene	21.06	228	27688	1.670	ng		98
32) Bis(2-ethylhexyl)phthalate	20.96	149	10892	1.699	ng		100
33) Indeno(1,2,3-cd)pyrene	25.19	276	29510	1.711	ng		98
35) Benzo(b)fluoranthene	22.51	252	26596	1.721	ng	#	86
36) Benzo(k)fluoranthene	22.56	252	27691	1.623	ng	#	91
37) Benzo(a)pyrene	23.05	252	23474	1.725	ng	#	82
38) Dibenzo(a,h)anthracene	25.20	278	23977	1.752	ng		91
39) Benzo(g,h,i)perylene	25.81	276	24935	1.656	ng		95

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

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