Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082420\
Data File : BN011600.D
Acq On : 24 Aug 2020 16:58
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Aug 24 18:51:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 18:42:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	1884	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	7850	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	5113	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	11979	0.40	ng		0.00
29) Chrysene-d12	21.33	240	13517	0.40	ng		0.00
36) Perylene-d12	23.60	264	13442	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	737	0.18	ng		0.00
5) Phenol-d6	6.92	99	993	0.24	ng		0.00
8) Nitrobenzene-d5	8.89	82	744	0.14	ng		-0.01
11) 2-Methylnaphthalene-d10	12.14	152	1708	0.12	ng		0.00
14) 2,4,6-Tribromophenol	15.89	330	319	0.13	ng		0.01
15) 2-Fluorobiphenyl	13.02	172	2294	0.11	ng		0.00
27) Fluoranthene-d10	19.18	212	4585	0.11	ng		0.00
31) Terphenyl-d14	19.78	244	4056	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	348	0.135	ng	#	1
6) bis(2-Chloroethyl)ether	7.18	93	698	0.176	ng	#	85
9) Naphthalene	10.59	128	2563	0.113	ng	#	68
10) Hexachlorobutadiene	10.90	225	533	0.084	ng	#	96
12) 2-Methylnaphthalene	12.21	142	1866	0.119	ng	#	87
16) Acenaphthylene	14.12	152	3256	0.125	ng		97
17) Acenaphthene	14.46	154	1923	0.113	ng		94
18) Fluorene	15.45	166	2645	0.117	ng		98
20) 4,6-Dinitro-2-methylphenol	15.52	198	155	0.107	ng	#	1
21) 4-Bromophenyl-phenylether	16.35	248	821	0.314	ng	#	79
22) Hexachlorobenzene	16.44	284	902	0.098	ng	#	92
23) Atrazine	16.60	200	840	0.135	ng	#	84
25) Phenanthrene	17.19	178	4357	0.116	ng		98
26) Anthracene	17.27	178	4248	0.135	ng		99
28) Fluoranthene	19.21	202	5427	0.112	ng		99
30) Pyrene	19.57	202	5842	0.109	ng		100
32) Benzo(a)anthracene	21.31	228	5961	0.134	ng		94
33) Chrysene	21.36	228	5796	0.115	ng		96
34) Bis(2-ethylhexyl)phthalate	21.27	149	5033	0.228	ng		99
35) Indeno(1,2,3-cd)pyrene	25.88	276	6602	0.144	ng	#	100
37) Benzo(b)fluoranthene	22.92	252	5574	0.112	ng	#	71
38) Benzo(k)fluoranthene	22.96	252	5553	0.094	ng	#	63
39) Benzo(a)pyrene	23.49	252	5238	0.114	ng	#	65
40) Dibenzo(a,h)anthracene	25.90	278	5471	0.142	ng	#	76
41) Benzo(g,h,i)perylene	26.57	276	5314	0.116	ng	#	77

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

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