Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
Data File : BN010785.D
Acq On : 05 Jun 2020 17:29
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Jun 05 19:18:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 19:14:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2383	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	7912	0.40	ng		0.00
13) Acenaphthene-d10	14.19	164	4367	0.40	ng		0.00
19) Phenanthrene-d10	16.94	188	8994	0.40	ng		0.00
27) Chrysene-d12	21.14	240	8139	0.40	ng		0.00
34) Perylene-d12	23.30	264	8548	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	518	0.11	ng		0.00
5) Phenol-d6	6.76	99	583	0.10	ng		0.00
8) Nitrobenzene-d5	8.72	82	532	0.10	ng		0.03
11) 2-Methylnaphthalene-d10	11.93	152	1108	0.09	ng		0.01
14) 2,4,6-Tribromophenol	15.70	330	142	0.09	ng		0.02
15) 2-Fluorobiphenyl	12.82	172	1605	0.10	ng		0.00
25) Fluoranthene-d10	18.98	212	2273	0.09	ng		0.00
29) Terphenyl-d14	19.59	244	1819	0.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	244	0.119	ng	#	92
6) bis(2-Chloroethyl)ether	7.02	93	445	0.076	ng		95
9) Naphthalene	10.37	128	1955	0.098	ng	#	92
10) Hexachlorobutadiene	10.66	225	487	0.107	ng	#	99
12) 2-Methylnaphthalene	12.00	142	1233	0.088	ng		95
16) Acenaphthylene	13.91	152	1568	0.088	ng		99
17) Acenaphthene	14.25	154	1134	0.094	ng		94
18) Fluorene	15.25	166	1444	0.091	ng		97
20) 4-Bromophenyl-phenylether	16.14	248	465	0.094	ng		96
21) Hexachlorobenzene	16.25	284	553	0.094	ng		96
23) Phenanthrene	16.98	178	2272	0.094	ng		98
24) Anthracene	17.08	178	1817	0.090	ng		98
26) Fluoranthene	19.01	202	2548	0.093	ng		100
28) Pyrene	19.37	202	2603	0.089	ng		98
30) Benzo(a)anthracene	21.13	228	2187	0.092	ng		96
31) Chrysene	21.18	228	2823	0.105	ng		98
32) Bis(2-ethylhexyl)phthalate	21.08	149	884	0.085	ng	#	99
33) Indeno(1,2,3-cd)pyrene	25.42	276	3242	0.136	ng	#	96
35) Benzo(b)fluoranthene	22.66	252	2502	0.089	ng	#	64
36) Benzo(k)fluoranthene	22.71	252	2915	0.096	ng	#	65
37) Benzo(a)pyrene	23.21	252	2321	0.095	ng	#	71
38) Dibenzo(a,h)anthracene	25.44	278	2468	0.118	ng	#	67
39) Benzo(g,h,i)perylene	26.06	276	2762	0.113	ng	#	88

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

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