Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072720\
Data File : BN011270.D
Acq On : 27 Jul 2020 13:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
7/28/2020 11:44:34 AM

Quant Time: Jul 27 14:35:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 27 10:06:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1669	0.40	ng		0.00
7) Naphthalene-d8	10.22	136	6855	0.40	ng		0.00
13) Acenaphthene-d10	14.10	164	3884	0.40	ng		0.00
19) Phenanthrene-d10	16.86	188	8289	0.40	ng		0.00
29) Chrysene-d12	21.09	240	7315	0.40	ng		0.01
36) Perylene-d12	23.23	264	6892	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.13	112	1685	0.41	ng		0.00
5) Phenol-d6	6.68	99	2030	0.44	ng		0.00
8) Nitrobenzene-d5	8.62	82	2363	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.82	152	4217	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.61	330	649	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.72	172	6471	0.36	ng		0.00
27) Fluoranthene-d10	18.91	212	9720	0.37	ng		0.00
31) Terphenyl-d14	19.53	244	7938	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	933	0.391	ng		97
3) n-Nitrosodimethylamine	3.51	42	546	0.455	ng	#	95
6) bis(2-Chloroethyl)ether	6.93	93	1828	0.429	ng		92
9) Naphthalene	10.28	128	7653	0.375	ng		98
10) Hexachlorobutadiene	10.57	225	1709	0.338	ng	#	99
12) 2-Methylnaphthalene	11.90	142	4902	0.382	ng		98
16) Acenaphthylene	13.82	152	7424	0.376	ng		99
17) Acenaphthene	14.17	154	4935	0.374	ng		99
18) Fluorene	15.17	166	6335	0.375	ng		98
20) 4,6-Dinitro-2-methylphenol	15.28	198	384	0.381	ng	#	83
21) 4-Bromophenyl-phenylether	16.07	248	2111	0.375	ng		98
22) Hexachlorobenzene	16.18	284	2358	0.360	ng		99
23) Atrazine	16.36	200	1629	0.412	ng		98
24) Pentachlorophenol	16.53	266	718	0.369	ng		99
25) Phenanthrene	16.91	178	10241	0.385	ng		100
26) Anthracene	16.99	178	8313	0.376	ng		100
28) Fluoranthene	18.94	202	11645	0.365	ng		99
30) Pyrene	19.31	202	11632	0.417	ng		99
32) Benzo(a)anthracene	21.08	228	9250	0.390	ng		98
33) Chrysene	21.13	228	10986	0.379	ng		99
34) Bis(2-ethylhexyl)phthalate	21.04	149	5331	0.546	ng		97
35) Indeno(1,2,3-cd)pyrene	25.31	276	9700	0.311	ng	#	96
37) Benzo(b)fluoranthene	22.60	252	8885	0.321	ng		99
38) Benzo(k)fluoranthene	22.65	252	10068m	0.322	ng		
39) Benzo(a)pyrene	23.14	252	8851	0.355	ng		96
40) Dibenzo(a,h)anthracene	25.33	278	7741	0.293	ng		98
41) Benzo(g,h,i)perylene	25.94	276	8403	0.290	ng		99

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

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