Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
Data File : BN011147.D
Acq On : 10 Jul 2020 13:58
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Jul 10 14:28:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 11:21:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1777	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	5706	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	2677	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	5468	0.40	ng		0.00
29) Chrysene-d12	21.10	240	4832	0.40	ng		0.00
36) Perylene-d12	23.24	264	4664	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	872	0.20	ng		0.00
5) Phenol-d6	6.72	99	1008	0.20	ng		0.00
8) Nitrobenzene-d5	8.66	82	919	0.19	ng		0.00
11) 2-Methylnaphthalene-d10	11.86	152	1861	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	241	0.21	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	2654	0.21	ng		0.01
27) Fluoranthene-d10	18.94	212	4008	0.24	ng		0.01
31) Terphenyl-d14	19.55	244	3241	0.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	656	0.262	ng	#	90
3) n-Nitrosodimethylamine	3.59	42	225	0.178	ng	#	67
6) bis(2-Chloroethyl)ether	6.96	93	1033	0.224	ng		91
9) Naphthalene	10.30	128	3690	0.217	ng		97
10) Hexachlorobutadiene	10.60	225	908	0.210	ng	#	99
12) 2-Methylnaphthalene	11.94	142	2139	0.188	ng		98
16) Acenaphthylene	13.85	152	2848	0.212	ng		99
17) Acenaphthene	14.20	154	1985	0.218	ng		99
18) Fluorene	15.20	166	2437	0.214	ng		99
20) 4,6-Dinitro-2-methylphenol	15.34	198	132	0.226	ng	#	57
21) 4-Bromophenyl-phenylether	16.10	248	716	0.197	ng	#	84
22) Hexachlorobenzene	16.20	284	940	0.219	ng		97
23) Atrazine	16.39	200	529	0.206	ng	#	91
24) Pentachlorophenol	16.57	266	272	0.236	ng		95
25) Phenanthrene	16.93	178	3630	0.205	ng		99
26) Anthracene	17.03	178	2857	0.195	ng		98
28) Fluoranthene	18.97	202	4730	0.238	ng		99
30) Pyrene	19.33	202	4666	0.259	ng		99
32) Benzo(a)anthracene	21.09	228	3193	0.198	ng		98
33) Chrysene	21.14	228	4727	0.255	ng		99
34) Bis(2-ethylhexyl)phthalate	21.05	149	1364	0.209	ng		99
35) Indeno(1,2,3-cd)pyrene	25.34	276	5601	0.289	ng		99
37) Benzo(b)fluoranthene	22.61	252	4063	0.217	ng	#	89
38) Benzo(k)fluoranthene	22.66	252	5173	0.259	ng	#	87
39) Benzo(a)pyrene	23.15	252	3909	0.243	ng	#	82
40) Dibenzo(a,h)anthracene	25.36	278	4902	0.297	ng		93
41) Benzo(g,h,i)perylene	25.97	276	4581	0.252	ng		97

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

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