Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091720\
Data File : BN011822.D
Acq On : 17 Sep 2020 13:57
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Sep 17 19:00:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 16:24:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	2021	0.40	ng		0.00
7) Naphthalene-d8	10.491	136	7403	0.40	ng	#	0.00
13) Acenaphthene-d10	14.357	164	4291	0.40	ng		0.00
19) Phenanthrene-d10	17.102	188	9238	0.40	ng		0.00
29) Chrysene-d12	21.312	240	9806	0.40	ng	#	0.00
36) Perylene-d12	23.559	264	9437	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.307	112	4460	0.75	ng		0.00
5) Phenol-d6	6.878	99	5496	0.75	ng		0.00
8) Nitrobenzene-d5	8.856	82	5851	0.78	ng		0.00
11) 2-Methylnaphthalene-d10	12.091	152	10353	0.79	ng		0.00
14) 2,4,6-Tribromophenol	15.854	330	1660	0.76	ng		0.00
15) 2-Fluorobiphenyl	12.974	172	14519	0.78	ng		0.00
27) Fluoranthene-d10	19.147	212	22733	0.78	ng		0.00
31) Terphenyl-d14	19.752	244	17356	0.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.270	88	2240	0.75	ng		91
3) n-Nitrosodimethylamine	3.576	42	3122	0.78	ng	#	82
6) bis(2-Chloroethyl)ether	7.143	93	4969	0.77	ng		99
9) Naphthalene	10.542	128	16437	0.79	ng		99
10) Hexachlorobutadiene	10.833	225	3818	0.79	ng	#	100
12) 2-Methylnaphthalene	12.167	142	11432	0.79	ng		98
16) Acenaphthylene	14.078	152	15989	0.77	ng		99
17) Acenaphthene	14.420	154	11263	0.78	ng		97
18) Fluorene	15.410	166	14163	0.79	ng		100
20) 4,6-Dinitro-2-methylph...	15.486	198	1223	0.77	ng		96
21) 4-Bromophenyl-phenylether	16.299	248	4257	0.77	ng	#	65
22) Hexachlorobenzene	16.421	284	5288	0.78	ng		97
23) Atrazine	16.579	200	3773	0.76	ng		97
24) Pentachlorophenol	16.761	266	2087	0.76	ng		98
25) Phenanthrene	17.151	178	22714	0.78	ng		100
26) Anthracene	17.236	178	19509	0.77	ng		100
28) Fluoranthene	19.172	202	26473	0.77	ng		99
30) Pyrene	19.539	202	26697	0.78	ng		100
32) Benzo(a)anthracene	21.291	228	25989	0.78	ng		99
33) Chrysene	21.344	228	26598	0.78	ng		99
34) Bis(2-ethylhexyl)phtha...	21.237	149	12244	0.72	ng		97
35) Indeno(1,2,3-cd)pyrene	25.815	276	33966	0.80	ng		98
37) Benzo(b)fluoranthene	22.885	252	27226	0.77	ng		98
38) Benzo(k)fluoranthene	22.929	252	29667	0.82	ng	#	98
39) Benzo(a)pyrene	23.463	252	24422	0.78	ng	#	96
40) Dibenzo(a,h)anthracene	25.835	278	27866	0.81	ng		97
41) Benzo(g,h,i)perylene	26.506	276	29484	0.80	ng		97

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

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