Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040721\
Data File : BN014222.D
Acq On : 06 Apr 2021 13:06
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Apr 06 13:36:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 12:12:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.644	152	7960	0.40	ng		0.00
7) Naphthalene-d8	10.416	136	29519	0.40	ng		0.00
13) Acenaphthene-d10	14.283	164	18463	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	39524	0.40	ng		0.00
29) Chrysene-d12	21.226	240	43209	0.40	ng	#	0.00
36) Perylene-d12	23.428	264	36879	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.236	112	58365	2.93	ng		0.00
5) Phenol-d6	6.814	99	78960	3.02	ng		0.00
8) Nitrobenzene-d5	8.794	82	68683	3.20	ng		0.00
11) 2-Methylnaphthalene-d10	12.017	152	155063	2.32	ng		0.00
14) 2,4,6-Tribromophenol	15.780	330	25904	3.71	ng		0.00
15) 2-Fluorobiphenyl	12.900	172	206578	3.01	ng		0.00
27) Fluoranthene-d10	19.066	212	376449	2.41	ng		0.00
31) Terphenyl-d14	19.672	244	291214	2.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.166	88	28593	2.97	ng		94
3) n-Nitrosodimethylamine	3.480	42	27233	3.44	ng	#	94
6) bis(2-Chloroethyl)ether	7.072	93	65885	2.89	ng		99
9) Naphthalene	10.467	128	231786	2.93	ng		99
10) Hexachlorobutadiene	10.758	225	42542	2.93	ng	#	100
12) 2-Methylnaphthalene	12.093	142	164809	2.97	ng		98
16) Acenaphthylene	14.003	152	255525	3.37	ng		100
17) Acenaphthene	14.346	154	167304	3.10	ng		97
18) Fluorene	15.336	166	211689	3.07	ng		99
20) 4,6-Dinitro-2-methylph...	15.412	198	23298	3.93	ng		91
21) 4-Bromophenyl-phenylether	16.227	248	69279	3.09	ng		97
22) Hexachlorobenzene	16.337	284	72465	2.97	ng		100
23) Atrazine	16.495	200	57151	3.72	ng		97
24) Pentachlorophenol	16.690	266	26414	4.01	ng		97
25) Phenanthrene	17.067	178	348921	3.01	ng		100
26) Anthracene	17.164	178	319839	3.24	ng		100
28) Fluoranthene	19.096	202	407429	3.03	ng		100
30) Pyrene	19.458	202	412784	2.96	ng		100
32) Benzo(a)anthracene	21.205	228	414862	3.11	ng		99
33) Chrysene	21.258	228	415863	2.81	ng		99
34) Bis(2-ethylhexyl)phtha...	21.152	149	152400	3.32	ng		99
35) Indeno(1,2,3-cd)pyrene	25.636	276	439081	2.46	ng		99
37) Benzo(b)fluoranthene	22.771	252	424905	3.09	ng	#	96
38) Benzo(k)fluoranthene	22.812	252	411745	3.06	ng		98
39) Benzo(a)pyrene	23.332	252	377421	3.07	ng	#	88
40) Dibenzo(a,h)anthracene	25.650	278	368018	2.85	ng		99
41) Benzo(g,h,i)perylene	26.310	276	370107	2.80	ng		100

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

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