Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040821\
Data File : BN014227.D
Acq On : 07 Apr 2021 16:16
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Apr 07 18:22:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 18:22:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.733	152	8930	0.40	ng		0.00
7) Naphthalene-d8	10.505	136	36206	0.40	ng	#	0.00
13) Acenaphthene-d10	14.359	164	23528	0.40	ng		0.00
19) Phenanthrene-d10	17.104	188	52920	0.40	ng	#	0.00
29) Chrysene-d12	21.300	240	55309	0.40	ng		0.00
36) Perylene-d12	23.541	264	57753	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.333	112	2501	0.12	ng		0.00
5) Phenol-d6	6.895	99	3375	0.12	ng		0.00
8) Nitrobenzene-d5	8.870	82	2663	0.11	ng		0.00
11) 2-Methylnaphthalene-d10	12.102	152	6077	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.843	330	1184	0.14	ng		0.00
15) 2-Fluorobiphenyl	12.989	172	8058	0.09	ng		0.01
27) Fluoranthene-d10	19.136	212	15943	0.11	ng		0.00
31) Terphenyl-d14	19.747	244	12318	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.295	88	1034	0.10	ng	#	79
6) bis(2-Chloroethyl)ether	7.169	93	1909	0.08	ng	#	84
9) Naphthalene	10.556	128	8936	0.10	ng	#	65
10) Hexachlorobutadiene	10.847	225	1726	0.10	ng	#	96
12) 2-Methylnaphthalene	12.173	142	6503	0.10	ng	#	84
16) Acenaphthylene	14.080	152	11030	0.12	ng		100
17) Acenaphthene	14.422	154	6416	0.10	ng		97
18) Fluorene	15.412	166	8594	0.10	ng		99
20) 4,6-Dinitro-2-methylph...	15.488	198	298	0.04	ng	#	1
21) 4-Bromophenyl-phenylether	16.300	248	2879	0.10	ng	#	81
22) Hexachlorobenzene	16.410	284	3069	0.10	ng		99
23) Atrazine	16.568	200	2921	0.14	ng	#	83
25) Phenanthrene	17.140	178	14154	0.10	ng		97
26) Anthracene	17.238	178	13704	0.11	ng		99
28) Fluoranthene	19.166	202	16720	0.10	ng		98
30) Pyrene	19.528	202	17324	0.10	ng		98
32) Benzo(a)anthracene	21.279	228	17727	0.11	ng		96
33) Chrysene	21.332	228	16523	0.10	ng		96
34) Bis(2-ethylhexyl)phtha...	21.237	149	14419	0.27	ng	#	92
35) Indeno(1,2,3-cd)pyrene	25.807	276	21093	0.11	ng		96
37) Benzo(b)fluoranthene	22.867	252	18392	0.09	ng	#	29
38) Benzo(k)fluoranthene	22.911	252	17732	0.09	ng	#	15
39) Benzo(a)pyrene	23.442	252	17058	0.09	ng	#	34
40) Dibenzo(a,h)anthracene	25.824	278	17738	0.10	ng	#	34
41) Benzo(g,h,i)perylene	26.492	276	18015	0.10	ng	#	75

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

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