Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103020\
Data File : BN012463.D
Acq On : 30 Oct 2020 10:58
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Oct 30 12:13:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 12:11:25 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.578	152	602	0.40	ng		0.00
7) Naphthalene-d8	10.339	136	2516	0.40	ng	#	0.00
13) Acenaphthene-d10	14.217	164	1421	0.40	ng		0.00
19) Phenanthrene-d10	16.968	188	2845	0.40	ng	#	0.00
29) Chrysene-d12	21.174	240	2853	0.40	ng	#	0.00
36) Perylene-d12	23.347	264	3416	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.186	112	447	0.21	ng		0.00
5) Phenol-d6	6.757	99	519	0.21	ng		0.00
8) Nitrobenzene-d5	8.729	82	509	0.18	ng		0.00
11) 2-Methylnaphthalene-d10	11.949	152	791	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.727	330	185	0.18	ng		0.01
15) 2-Fluorobiphenyl	12.834	172	1041	0.20	ng		0.00
27) Fluoranthene-d10	19.008	212	1688	0.19	ng		0.00
31) Terphenyl-d14	19.618	244	1331	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.165	88	263	0.27	ng	#	85
3) n-Nitrosodimethylamine	3.487	42	523	0.22	ng	#	69
6) bis(2-Chloroethyl)ether	7.015	93	294	0.17	ng	#	80
9) Naphthalene	10.390	128	1426	0.20	ng	#	88
10) Hexachlorobutadiene	10.668	225	306	0.21	ng	#	95
12) 2-Methylnaphthalene	12.020	142	891	0.19	ng	#	88
16) Acenaphthylene	13.926	152	1382	0.20	ng		99
17) Acenaphthene	14.281	154	920	0.21	ng		96
18) Fluorene	15.270	166	1098	0.19	ng		99
20) 4,6-Dinitro-2-methylph...	15.385	198	85	0.13	ng	#	1
21) 4-Bromophenyl-phenylether	16.165	248	320	0.19	ng	#	80
22) Hexachlorobenzene	16.275	284	431	0.21	ng	#	86
23) Atrazine	16.445	200	328	0.20	ng	#	82
24) Pentachlorophenol	16.628	266	192	0.20	ng		89
25) Phenanthrene	17.005	178	1615	0.19	ng		98
26) Anthracene	17.102	178	1441	0.19	ng		98
28) Fluoranthene	19.038	202	1908	0.19	ng		100
30) Pyrene	19.400	202	1968	0.20	ng		100
32) Benzo(a)anthracene	21.163	228	1659	0.19	ng		95
33) Chrysene	21.206	228	1991	0.20	ng		93
34) Bis(2-ethylhexyl)phtha...	21.099	149	1141	0.20	ng		94
35) Indeno(1,2,3-cd)pyrene	25.503	276	2936	0.21	ng		96
37) Benzo(b)fluoranthene	22.700	252	2160	0.20	ng	#	72
38) Benzo(k)fluoranthene	22.741	252	2266	0.19	ng	#	70
39) Benzo(a)pyrene	23.255	252	1945	0.19	ng	#	61
40) Dibenzo(a,h)anthracene	25.517	278	2361	0.20	ng	#	73
41) Benzo(g,h,i)perylene	26.164	276	2549	0.21	ng	#	90

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

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