Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040821\
Data File : BN014228.D
Acq On : 07 Apr 2021 16:52
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Apr 07 18:23:10 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	9353	0.40	ng		0.00
7) Naphthalene-d8	10.505	136	37789	0.40	ng		# 0.00
13) Acenaphthene-d10	14.359	164	24716	0.40	ng		0.00
19) Phenanthrene-d10	17.104	188	55644	0.40	ng		# 0.00
29) Chrysene-d12	21.300	240	56710	0.40	ng		0.00
36) Perylene-d12	23.541	264	57678	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.333	112	4981	0.22	ng		0.00
5) Phenol-d6	6.895	99	6848	0.24	ng		0.00
8) Nitrobenzene-d5	8.870	82	4979	0.19	ng		0.00
11) 2-Methylnaphthalene-d10	12.102	152	12457	0.20	ng		0.00
14) 2,4,6-Tribromophenol	15.843	330	2397	0.26	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	16415	0.18	ng		0.00
27) Fluoranthene-d10	19.136	212	32311	0.20	ng		0.00
31) Terphenyl-d14	19.742	244	24427	0.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.295	88	2048	0.18	ng	#	82
3) n-Nitrosodimethylamine	3.666	42	559	0.06	ng	#	71
6) bis(2-Chloroethyl)ether	7.169	93	4501	0.18	ng		91
9) Naphthalene	10.556	128	18297	0.19	ng	#	88
10) Hexachlorobutadiene	10.847	225	3553	0.20	ng	#	97
12) 2-Methylnaphthalene	12.173	142	13318	0.20	ng	#	95
16) Acenaphthylene	14.080	152	21736	0.22	ng		100
17) Acenaphthene	14.422	154	13281	0.19	ng		99
18) Fluorene	15.412	166	17668	0.20	ng		100
20) 4,6-Dinitro-2-methylph...	15.488	198	770	0.10	ng	#	1
21) 4-Bromophenyl-phenylether	16.300	248	5906	0.20	ng		93
22) Hexachlorobenzene	16.410	284	6280	0.20	ng		96
23) Atrazine	16.568	200	5868	0.27	ng		96
24) Pentachlorophenol	16.751	266	2488	0.31	ng		96
25) Phenanthrene	17.140	178	28496	0.19	ng		98
26) Anthracene	17.238	178	28142	0.22	ng		99
28) Fluoranthene	19.166	202	33929	0.20	ng		99
30) Pyrene	19.528	202	35008	0.20	ng		99
32) Benzo(a)anthracene	21.279	228	34137	0.21	ng		98
33) Chrysene	21.332	228	33846	0.19	ng		98
34) Bis(2-ethylhexyl)phtha...	21.237	149	21975	0.40	ng	#	97
35) Indeno(1,2,3-cd)pyrene	25.804	276	40645	0.21	ng		98
37) Benzo(b)fluoranthene	22.867	252	36394	0.18	ng	#	73
38) Benzo(k)fluoranthene	22.911	252	34862	0.17	ng	#	61
39) Benzo(a)pyrene	23.442	252	33097	0.18	ng	#	78
40) Dibenzo(a,h)anthracene	25.824	278	34107	0.19	ng	#	76
41) Benzo(g,h,i)perylene	26.492	276	34623	0.19	ng	#	90

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

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