Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041221\
Data File : BE101280.D
Acq On : 12 Apr 2021 14:22
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC0.4

Quant Time: Apr 12 15:40:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 12 15:13:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.827	152	2862	0.40	ng		# 0.00
7) Naphthalene-d8	10.615	136	12502	0.40	ng		# 0.00
13) Acenaphthene-d10	14.443	164	8668	0.40	ng		0.00
19) Phenanthrene-d10	17.195	188	21387	0.40	ng		# 0.00
29) Chrysene-d12	21.354	240	24152	0.40	ng		0.00
36) Perylene-d12	23.842	264	19641	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.432	112	3445	0.51	ng		0.00
5) Phenol-d6	6.998	99	5151	0.49	ng		0.00
8) Nitrobenzene-d5	8.978	82	4456	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	12.196	152	11513	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	855	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.074	172	11978	0.38	ng		0.00
27) Fluoranthene-d10	19.214	212	148159	0.40	ng		0.00
31) Terphenyl-d14	19.812	244	24846	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	2061	0.47	ng		96
3) n-Nitrosodimethylamine	3.670	42	2375	0.52	ng	#	97
6) bis(2-Chloroethyl)ether	7.252	93	4137	0.42	ng		100
9) Naphthalene	10.667	128	54837	0.40	ng		100
10) Hexachlorobutadiene	10.953	225	2358	0.39	ng		100
12) 2-Methylnaphthalene	12.268	142	9606	0.39	ng		96
16) Acenaphthylene	14.169	152	13087	0.39	ng		99
17) Acenaphthene	14.501	154	9585	0.38	ng		97
18) Fluorene	15.502	166	12972	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.578	198	585	0.24	ng	#	71
21) 4-Bromophenyl-phenylether	16.394	248	4306	0.41	ng	#	67
22) Hexachlorobenzene	16.515	284	4108	0.38	ng		99
23) Atrazine	16.666	200	3518	0.49	ng		95
24) Pentachlorophenol	16.863	266	244	0.06	ng		91
25) Phenanthrene	17.241	178	24636	0.39	ng		100
26) Anthracene	17.331	178	21364	0.40	ng		99
28) Fluoranthene	19.243	202	32384	0.39	ng		100
30) Pyrene	19.605	202	32538	0.37	ng		99
32) Benzo(a)anthracene	21.342	228	29074	0.43	ng		99
33) Chrysene	21.391	228	32118	0.40	ng		98
34) Bis(2-ethylhexyl)phtha...	21.270	149	35042	0.71	ng		99
35) Indeno(1,2,3-cd)pyrene	26.455	276	28562	0.48	ng		99
37) Benzo(b)fluoranthene	23.079	252	25394	0.40	ng		99
38) Benzo(k)fluoranthene	23.125	252	26191	0.37	ng		98
39) Benzo(a)pyrene	23.724	252	22823	0.42	ng		98
40) Dibenzo(a,h)anthracene	26.480	278	24528	0.46	ng		99
41) Benzo(g,h,i)perylene	27.258	276	25134	0.44	ng		100

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

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