Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092820\
Data File : BN011993.D
Acq On : 28 Sep 2020 20:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 29 02:14:47 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 11:18:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	1643	0.40	ng		0.00
7) Naphthalene-d8	10.453	136	6722	0.40	ng		# 0.00
13) Acenaphthene-d10	14.306	164	3450	0.40	ng		0.00
19) Phenanthrene-d10	17.053	188	6665	0.40	ng		0.00
29) Chrysene-d12	21.248	240	5985	0.40	ng		#-0.01
36) Perylene-d12	23.460	264	6384	0.40	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	2329	0.40	ng		0.00
5) Phenol-d6	6.845	99	2840	0.39	ng		0.00
8) Nitrobenzene-d5	8.818	82	2875	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	12.042	152	3969	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.803	330	709	0.42	ng		0.00
15) 2-Fluorobiphenyl	12.923	172	5014	0.38	ng		-0.01
27) Fluoranthene-d10	19.087	212	7245	0.37	ng		0.00
31) Terphenyl-d14	19.693	244	5188	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	1062	0.37	ng	#	86
3) n-Nitrosodimethylamine	3.559	42	2015	0.49	ng		90
6) bis(2-Chloroethyl)ether	7.103	93	2313	0.37	ng		93
9) Naphthalene	10.491	128	7296	0.38	ng		99
10) Hexachlorobutadiene	10.782	225	1297	0.41	ng	#	98
12) 2-Methylnaphthalene	12.113	142	4533	0.37	ng	#	92
16) Acenaphthylene	14.027	152	6363	0.38	ng		98
17) Acenaphthene	14.369	154	4175	0.37	ng		90
18) Fluorene	15.359	166	5111	0.37	ng		99
20) 4,6-Dinitro-2-methylph...	15.435	198	490	0.39	ng	#	1
21) 4-Bromophenyl-phenylether	16.250	248	1393	0.39	ng	#	74
22) Hexachlorobenzene	16.360	284	1633	0.40	ng	#	79
23) Atrazine	16.518	200	1362	0.40	ng	#	94
24) Pentachlorophenol	16.700	266	761	0.38	ng		98
25) Phenanthrene	17.090	178	7522	0.37	ng		99
26) Anthracene	17.187	178	6595	0.37	ng		100
28) Fluoranthene	19.117	202	8233	0.36	ng	#	97
30) Pyrene	19.479	202	8394	0.38	ng		100
32) Benzo(a)anthracene	21.227	228	6852	0.36	ng		98
33) Chrysene	21.280	228	7689	0.37	ng		97
34) Bis(2-ethylhexyl)phtha...	21.174	149	5166	0.38	ng	#	90
35) Indeno(1,2,3-cd)pyrene	25.667	276	9771	0.42	ng	#	95
37) Benzo(b)fluoranthene	22.796	252	7728	0.35	ng	#	82
38) Benzo(k)fluoranthene	22.840	252	8262	0.35	ng	#	84
39) Benzo(a)pyrene	23.360	252	7186	0.36	ng	#	73
40) Dibenzo(a,h)anthracene	25.685	278	7794	0.37	ng	#	88
41) Benzo(g,h,i)perylene	26.345	276	8558	0.38	ng	#	91

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

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