Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092320\
Data File : BN011887.D
Acq On : 23 Sep 2020 16:57
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Sep 23 17:30:44 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 16:16:06 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.691	152	2786	0.40	ng		0.00
7) Naphthalene-d8	10.465	136	11741	0.40	ng		# 0.00
13) Acenaphthene-d10	14.319	164	6117	0.40	ng		0.00
19) Phenanthrene-d10	17.065	188	12407	0.40	ng		0.00
29) Chrysene-d12	21.258	240	11671	0.40	ng		#-0.01
36) Perylene-d12	23.480	264	10978	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	15974	1.94	ng		0.00
5) Phenol-d6	6.861	99	21318	2.11	ng		0.00
8) Nitrobenzene-d5	8.830	82	21155	1.79	ng		0.00
11) 2-Methylnaphthalene-d10	12.055	152	32135	1.54	ng		0.00
14) 2,4,6-Tribromophenol	15.816	330	4974	1.60	ng		0.00
15) 2-Fluorobiphenyl	12.936	172	39551	1.49	ng		0.00
27) Fluoranthene-d10	19.102	212	61416	1.56	ng		0.00
31) Terphenyl-d14	19.707	244	44923	1.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	8140	1.97	ng		97
3) n-Nitrosodimethylamine	3.559	42	12122	2.19	ng	#	90
6) bis(2-Chloroethyl)ether	7.119	93	18947	2.13	ng		93
9) Naphthalene	10.503	128	56807	1.72	ng		98
10) Hexachlorobutadiene	10.808	225	9102	1.19	ng	#	99
12) 2-Methylnaphthalene	12.131	142	36974	1.62	ng		99
16) Acenaphthylene	14.040	152	50450	1.71	ng		100
17) Acenaphthene	14.382	154	34139	1.66	ng		92
18) Fluorene	15.372	166	42251	1.65	ng		99
20) 4,6-Dinitro-2-methylph...	15.448	198	4312	2.03	ng		97
21) 4-Bromophenyl-phenylether	16.262	248	11262	1.52	ng	#	74
22) Hexachlorobenzene	16.372	284	12910	1.42	ng	#	83
23) Atrazine	16.530	200	10657	1.61	ng	#	90
24) Pentachlorophenol	16.712	266	6064	1.65	ng		99
25) Phenanthrene	17.102	178	65701	1.67	ng		99
26) Anthracene	17.199	178	57895	1.70	ng		99
28) Fluoranthene	19.132	202	72250	1.57	ng	#	95
30) Pyrene	19.494	202	73283	1.80	ng		100
32) Benzo(a)anthracene	21.248	228	63913	1.62	ng		100
33) Chrysene	21.301	228	69233	1.71	ng		100
34) Bis(2-ethylhexyl)phtha...	21.184	149	41888	2.06	ng	#	91
35) Indeno(1,2,3-cd)pyrene	25.702	276	76362	1.51	ng	#	89
37) Benzo(b)fluoranthene	22.816	252	65398	1.60	ng	#	95
38) Benzo(k)fluoranthene	22.861	252	70811	1.67	ng	#	95
39) Benzo(a)pyrene	23.384	252	60064	1.65	ng	#	94
40) Dibenzo(a,h)anthracene	25.715	278	62841	1.56	ng	#	94
41) Benzo(g,h,i)perylene	26.376	276	65441	1.53	ng	#	90

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

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