Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092820\
Data File : BN011982.D
Acq On : 28 Sep 2020 13:24
Operator : CG/JU
Sample : L4118-19MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TT180D1-20200921MS

Quant Time: Sep 28 14:16:54 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	1409	0.40	ng		# 0.00
7) Naphthalene-d8	10.440	136	5927	0.40	ng		#-0.01
13) Acenaphthene-d10	14.306	164	3147	0.40	ng		0.00
19) Phenanthrene-d10	17.053	188	6155	0.40	ng		0.00
29) Chrysene-d12	21.259	240	5842	0.40	ng		# 0.00
36) Perylene-d12	23.467	264	5968	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	673	0.14	ng		0.00
5) Phenol-d6	6.845	99	522	0.08	ng		0.00
8) Nitrobenzene-d5	8.818	82	2209	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.042	152	3167	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.803	330	608	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.923	172	3873	0.33	ng		-0.01
27) Fluoranthene-d10	19.087	212	7171	0.40	ng		0.00
31) Terphenyl-d14	19.698	244	6385	0.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	7812	3.19	ng	#	87
3) n-Nitrosodimethylamine	3.559	42	726	0.21	ng	#	73
6) bis(2-Chloroethyl)ether	7.103	93	1501	0.28	ng	#	87
9) Naphthalene	10.491	128	5202	0.31	ng		98
10) Hexachlorobutadiene	10.782	225	817	0.29	ng	#	99
12) 2-Methylnaphthalene	12.113	142	3355	0.31	ng	#	90
16) Acenaphthylene	14.027	152	4896	0.32	ng		99
17) Acenaphthene	14.369	154	3182	0.31	ng		93
18) Fluorene	15.359	166	3968	0.31	ng		100
20) 4,6-Dinitro-2-methylph...	15.435	198	484	0.41	ng	#	1
21) 4-Bromophenyl-phenylether	16.250	248	1064	0.33	ng	#	72
22) Hexachlorobenzene	16.360	284	1250	0.33	ng	#	78
23) Atrazine	16.518	200	1219	0.39	ng	#	90
24) Pentachlorophenol	16.700	266	2196	1.18	ng		98
25) Phenanthrene	17.090	178	6599	0.35	ng		99
26) Anthracene	17.187	178	5996	0.36	ng		100
28) Fluoranthene	19.117	202	7976	0.38	ng	#	96
30) Pyrene	19.484	202	8193	0.38	ng		99
32) Benzo(a)anthracene	21.237	228	7036	0.37	ng		99
33) Chrysene	21.290	228	7141	0.35	ng		98
34) Bis(2-ethylhexyl)phtha...	21.174	149	5574	0.42	ng	#	90
35) Indeno(1,2,3-cd)pyrene	25.678	276	7978	0.35	ng	#	94
37) Benzo(b)fluoranthene	22.806	252	7287	0.36	ng	#	80
38) Benzo(k)fluoranthene	22.847	252	7889	0.36	ng	#	86
39) Benzo(a)pyrene	23.371	252	6429	0.34	ng	#	74
40) Dibenzo(a,h)anthracene	25.695	278	6538	0.34	ng	#	85
41) Benzo(g,h,i)perylene	26.352	276	6912	0.33	ng	#	91

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

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