Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116017.D
Acq On : 6 Aug 2019 17:08
Operator : HP/JU
Sample : K4131-26
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-D1-D4-COMP-(30)

Quant Time: Aug 07 04:14:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	130755	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	508062	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	271115	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	499356	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	383256	20.00	ng		-0.03
87) Perylene-d12	15.46	264	401351	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	962079	123.18	ng		0.01
7) Phenol-d6	6.48	99	1135898	115.27	ng		0.00
23) Nitrobenzene-d5	7.40	82	886207	100.69	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	398911	151.76	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	1508588	104.23	ng		-0.02
79) Terphenyl-d14	12.94	244	1828419	100.53	ng		-0.02
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.40	42	107	0.025	ng	#	1
6) Aniline	6.62	93	1403	0.099	ng	#	1
8) 2-Chlorophenol	6.63	128	132	0.015	ng	#	1
9) Benzaldehyde	6.48	77	1700	0.250	ng	#	1
10) Phenol	6.62	94	2209	0.190	ng	#	1
11) bis(2-Chloroethyl)ether	6.62	93	1403	0.164	ng	#	1
15) Benzyl Alcohol	7.00	79	14206	1.900	ng	#	45
16) 2,2'-oxybis(1-Chloropropan	7.10	45	64	0.005	ng		65
22) Acetophenone	7.26	105	851	0.076	ng	#	67
24) Nitrobenzene	7.40	77	2635	0.277	ng	#	35
27) 2,4-Dimethylphenol	7.93	122	1265	0.188	ng	#	3
31) Naphthalene	8.15	128	570	0.024	ng	#	29
32) Benzoic acid	7.93	122	1265	0.266	ng		91
33) 4-Chloroaniline	8.17	127	3439	0.322	ng	#	59
38) 1-Methylnaphthalene	9.20	142	571	0.038	ng	#	39
46) 1,1'-Biphenyl	9.30	154	3046	0.159	ng		95
48) 2-Nitroaniline	9.20	65	2453	0.466	ng	#	1
49) Acenaphthylene	9.90	152	120	0.005	ng	#	1
52) Acenaphthene	9.91	154	306	0.021	ng	#	74
53) 3-Nitroaniline	9.98	138	134	0.027	ng	#	4
58) Fluorene	10.67	166	16581	1.039	ng	#	90
60) Diethylphthalate	10.29	149	2988	0.173	ng		94
63) Azobenzene	10.67	77	2039	0.115	ng	#	19
65) 4,6-Dinitro-2-methylphenol	10.66	198	755	0.285	ng	#	1
66) n-Nitrosodiphenylamine	10.67	169	11120	0.740	ng	#	47
71) Phenanthrene	11.39	178	1845	0.072	ng	#	81
72) Anthracene	11.44	178	418	0.016	ng	#	60
73) Carbazole	11.62	167	379	0.016	ng	#	58
74) Di-n-butylphthalate	11.92	149	7723	0.282	ng		100
75) Fluoranthene	12.58	202	820	0.031	ng		64
77) Benzidine	12.94	184	24777	1.914	ng	#	95
78) Pyrene	12.81	202	554	0.019	ng	#	56
80) Butylbenzylphthalate	13.42	149	465	0.038	ng	#	62
81) Benzo(a)anthracene	14.00	228	1076	0.044	ng	#	51

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83) Chrysene	14.00	228	1076	0.045	ng	#	50
84) Bis(2-ethylhexyl)phthalate	13.97	149	2258	0.142	ng	#	95
85) Di-n-octyl phthalate	14.57	149	275	0.011	ng	#	78
90) Benzo(a)pyrene	15.46	252	1615	0.078	ng	#	1

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

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