Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116019.D
Acq On : 6 Aug 2019 18:01
Operator : HP/JU
Sample : K4135-31
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-B1-B4-COMP-(0-1)

Quant Time: Aug 07 04:28:47 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	6.84	152	135471	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	518848	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	282648	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	516575	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	409685	20.00	ng	-0.03
87) Perylene-d12	15.46	264	416738	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	941270	116.32	ng	0.00
7) Phenol-d6	6.48	99	1096589	107.40	ng	0.00
23) Nitrobenzene-d5	7.40	82	886284	98.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	396506	144.69	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1497295	99.22	ng	-0.02
79) Terphenyl-d14	12.94	244	1844758	94.88	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.30	42	111	0.025	ng	# 1
6) Aniline	6.62	93	1419	0.097	ng	# 1
8) 2-Chlorophenol	6.63	128	224	0.025	ng	# 1
9) Benzaldehyde	6.48	77	1541	0.219	ng	# 1
10) Phenol	6.62	94	2250	0.187	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1419	0.161	ng	# 1
15) Benzyl Alcohol	7.00	79	14213	1.834	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.13	45	593	0.049	ng	65
22) Acetophenone	7.26	105	827	0.073	ng	# 68
24) Nitrobenzene	7.40	77	2623	0.270	ng	# 35
31) Naphthalene	8.15	128	2452	0.100	ng	# 92
33) 4-Chloroaniline	8.15	127	248	0.023	ng	# 31
37) 2-Methylnaphthalene	8.85	142	869	0.054	ng	94
38) 1-Methylnaphthalene	8.94	142	945	0.062	ng	# 92
46) 1,1'-Biphenyl	9.30	154	3000	0.150	ng	90
48) 2-Nitroaniline	9.20	65	2545	0.464	ng	# 1
49) Acenaphthylene	9.91	152	992	0.041	ng	# 1
52) Acenaphthene	9.91	154	1665	0.112	ng	95
55) Dibenzofuran	10.09	168	1023	0.047	ng	# 58
56) 4-Nitrophenol	10.09	139	318	0.096	ng	# 8
58) Fluorene	10.43	166	1193	0.072	ng	# 68
60) Diethylphthalate	10.29	149	3435	0.191	ng	96
63) Azobenzene	10.66	77	1957	0.106	ng	# 2
65) 4,6-Dinitro-2-methylphenol	10.66	198	833	0.304	ng	# 1
66) n-Nitrosodiphenylamine	10.66	169	11337	0.729	ng	# 48
71) Phenanthrene	11.39	178	5161	0.195	ng	97
72) Anthracene	11.39	178	5161	0.193	ng	95
73) Carbazole	11.61	167	1410	0.058	ng	# 58
74) Di-n-butylphthalate	11.92	149	7133	0.252	ng	98
75) Fluoranthene	12.58	202	1225	0.044	ng	64
77) Benzidine	12.94	184	25471	1.840	ng	# 97
78) Pyrene	12.81	202	693	0.022	ng	# 56
80) Butylbenzylphthalate	13.42	149	227	0.017	ng	# 56
81) Benzo(a)anthracene	14.00	228	1129	0.043	ng	# 56

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
83) Chrysene	14.00	228	1129	0.044	ng	#	54
84) Bis(2-ethylhexyl)phthalate	13.97	149	1392	0.082	ng	#	95
85) Di-n-octyl phthalate	14.62	149	125	0.005	ng	#	78
90) Benzo(a)pyrene	15.46	252	1259	0.058	ng	#	1

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

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