Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116032.D
Acq On : 6 Aug 2019 23:49
Operator : HP/JU
Sample : K4124-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15

Quant Time: Aug 07 05:48:26 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	124715	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	473824	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	243109	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	394430	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	279500	20.00	ng	-0.02
87) Perylene-d12	15.46	264	345488	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	882750	118.49	ng	0.01
7) Phenol-d6	6.48	99	1013896	107.87	ng	0.00
23) Nitrobenzene-d5	7.40	82	797026	97.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	315991	134.06	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1386803	106.85	ng	-0.02
79) Terphenyl-d14	12.95	244	1299963	98.00	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.29	42	107	0.026	ng	# 1
6) Aniline	6.62	93	1415	0.105	ng	# 1
9) Benzaldehyde	6.48	77	1462	0.225	ng	# 1
10) Phenol	6.49	94	3837	0.347	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1415	0.174	ng	# 1
15) Benzyl Alcohol	7.00	79	12835	1.799	ng	# 42
16) 2,2'-oxybis(1-Chloropropan	7.13	45	399	0.036	ng	65
18) Hexachloroethane	7.41	117	141	0.040	ng	# 1
22) Acetophenone	7.26	105	747	0.072	ng	# 59
24) Nitrobenzene	7.40	77	2442	0.276	ng	# 34
31) Naphthalene	8.15	128	719	0.032	ng	# 68
37) 2-Methylnaphthalene	8.85	142	1170	0.080	ng	99
38) 1-Methylnaphthalene	8.93	142	657	0.047	ng	# 99
46) 1,1'-Biphenyl	9.30	154	2668	0.155	ng	89
48) 2-Nitroaniline	9.20	65	2309	0.489	ng	# 1
50) Dimethylphthalate	9.59	163	8886	0.537	ng	98
52) Acenaphthene	9.90	154	226	0.018	ng	# 74
58) Fluorene	10.66	166	13165	0.920	ng	# 87
60) Diethylphthalate	10.29	149	542	0.035	ng	# 58
63) Azobenzene	10.66	77	1545	0.097	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.66	198	517	0.247	ng	# 1
66) n-Nitrosodiphenylamine	10.66	169	9449	0.796	ng	# 44
71) Phenanthrene	11.39	178	786	0.039	ng	# 59
72) Anthracene	11.39	178	786	0.039	ng	# 60
74) Di-n-butylphthalate	11.92	149	1602	0.074	ng	# 77
75) Fluoranthene	12.58	202	446	0.021	ng	64
77) Benzidine	12.95	184	18072	1.914	ng	97
78) Pyrene	12.81	202	294	0.014	ng	# 56
80) Butylbenzylphthalate	13.39	149	128	0.014	ng	# 75
81) Benzo(a)anthracene	14.00	228	1115	0.062	ng	# 28
83) Chrysene	14.00	228	1115	0.064	ng	# 28
85) Di-n-octyl phthalate	14.58	149	290	0.016	ng	# 1
88) Benzo(b)fluoranthene	14.84	252	107	0.005	ng	# 1
89) Benzo(k)fluoranthene	14.84	252	107	0.005	ng	# 1

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
90) Benzo(a)pyrene	15.47	252	1326	0.074	ng	#	1

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

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