Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116030.D
Acq On : 6 Aug 2019 22:55
Operator : HP/JU
Sample : K4136-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-C1-C4-COMP-(30)

Quant Time: Aug 07 05:35:18 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	120942	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	467258	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	247855	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	438320	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	309347	20.00	ng	-0.02
87) Perylene-d12	15.46	264	338977	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	865120	119.75	ng	0.00
7) Phenol-d6	6.48	99	1007868	110.57	ng	0.00
23) Nitrobenzene-d5	7.40	82	787247	97.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	335271	139.52	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1381592	104.41	ng	-0.02
79) Terphenyl-d14	12.94	244	1544074	105.18	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.27	42	107	0.027	ng	# 1
6) Aniline	6.62	93	1260	0.097	ng	# 1
8) 2-Chlorophenol	6.63	128	123	0.015	ng	# 1
9) Benzaldehyde	6.48	77	1377	0.219	ng	# 1
10) Phenol	6.62	94	2114	0.197	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1260	0.160	ng	# 1
15) Benzyl Alcohol	7.00	79	13374	1.933	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.18	45	206	0.019	ng	65
18) Hexachloroethane	7.37	117	368	0.108	ng	# 1
22) Acetophenone	7.27	105	537	0.052	ng	# 52
24) Nitrobenzene	7.40	77	2541	0.291	ng	# 34
31) Naphthalene	8.15	128	1687	0.077	ng	# 68
37) 2-Methylnaphthalene	8.95	142	799	0.055	ng	# 68
38) 1-Methylnaphthalene	8.95	142	799	0.058	ng	# 84
46) 1,1'-Biphenyl	9.30	154	2757	0.158	ng	90
48) 2-Nitroaniline	9.20	65	2295	0.477	ng	# 1
49) Acenaphthylene	9.91	152	251	0.012	ng	# 1
52) Acenaphthene	9.90	154	621	0.048	ng	# 77
58) Fluorene	10.43	166	570	0.039	ng	# 90
60) Diethylphthalate	10.29	149	588	0.037	ng	# 58
63) Azobenzene	10.66	77	1555	0.096	ng	# 11
65) 4,6-Dinitro-2-methylphenol	10.66	198	669	0.288	ng	# 1
66) n-Nitrosodiphenylamine	10.66	169	9394	0.712	ng	# 42
71) Phenanthrene	11.39	178	1974	0.088	ng	96
72) Anthracene	11.39	178	1974	0.087	ng	97
74) Di-n-butylphthalate	11.92	149	1820	0.076	ng	# 77
75) Fluoranthene	12.59	202	426	0.018	ng	64
77) Benzidine	12.94	184	20784	1.989	ng	# 97
78) Pyrene	12.82	202	474	0.020	ng	# 56
81) Benzo(a)anthracene	14.00	228	719	0.036	ng	# 51
83) Chrysene	14.00	228	719	0.037	ng	# 48
84) Bis(2-ethylhexyl)phthalate	13.97	149	532	0.042	ng	# 52
90) Benzo(a)pyrene	15.46	252	687	0.039	ng	# 59

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

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