Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116035.D
Acq On : 7 Aug 2019 3:12
Operator : HP/JU
Sample : K4162-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3407

Manual Integrations APPROVED
mohammad
8/7/2019 4:42:14 PM

Quant Time: Aug 07 06:42:21 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	133695	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	508578	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	264024	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	434851	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	313102	20.00	ng	-0.02
87) Perylene-d12	15.47	264	391335	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	730520	91.47	ng	0.00
7) Phenol-d6	6.47	99	966382	95.91	ng	-0.01
23) Nitrobenzene-d5	7.40	82	622341	70.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	186013	72.67	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1096521	77.79	ng	-0.02
79) Terphenyl-d14	12.94	244	1018291	68.53	ng	-0.02
Target Compounds						Qvalue
6) Aniline	6.62	93	1150	0.080	ng	# 1
9) Benzaldehyde	6.48	77	1550	0.223	ng	# 1
10) Phenol	6.49	94	4551	0.384	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1150	0.132	ng	# 1
15) Benzyl Alcohol	7.00	79	10146	1.327	ng	# 45
22) Acetophenone	7.27	105	517	0.046	ng	# 52
24) Nitrobenzene	7.40	77	1815	0.191	ng	# 35
31) Naphthalene	8.15	128	7959	0.333	ng	97
33) 4-Chloroaniline	8.15	127	863	0.081	ng	# 39
37) 2-Methylnaphthalene	8.93	142	1717	0.109	ng	85
38) 1-Methylnaphthalene	8.93	142	1717	0.115	ng	# 87
46) 1,1'-Biphenyl	9.30	154	3991	0.214	ng	92
47) 2-Chloronaphthalene	9.59	162	703	0.045	ng	# 1
48) 2-Nitroaniline	9.59	65	1565	0.305	ng	# 1
49) Acenaphthylene	9.74	152	7086	0.313	ng	98
50) Dimethylphthalate	9.59	163	175372	9.755	ng	98
51) 2,6-Dinitrotoluene	9.59	165	1834	0.469	ng	# 1
52) Acenaphthene	9.91	154	5751	0.414	ng	98
55) Dibenzofuran	10.09	168	9109	0.451	ng	# 97
56) 4-Nitrophenol	10.09	139	3664	1.185	ng	# 22
58) Fluorene	10.43	166	11345	0.730	ng	98
60) Diethylphthalate	10.28	149	4637	0.276	ng	# 84
61) 4-Chlorophenyl-phenylether	10.41	204	107	0.014	ng	# 22
62) 4-Nitroaniline	10.66	138	121	0.024	ng	# 1
63) Azobenzene	10.57	77	973	0.056	ng	# 9
65) 4,6-Dinitro-2-methylphenol	10.66	198	314	0.136	ng	# 1
66) n-Nitrosodiphenylamine	10.53	169	1568	0.120	ng	96
71) Phenanthrene	11.39	178	73680	3.314	ng	98
73) Carbazole	11.60	167	8197	0.402	ng	# 76
74) Di-n-butylphthalate	11.91	149	5940	0.249	ng	# 83
75) Fluoranthene	12.57	202	141461	6.078	ng	98
77) Benzidine	12.94	184	14119	1.335	ng	95
78) Pyrene	12.80	202	152798	6.474	ng	99
80) Butylbenzylphthalate	13.42	149	741	0.074	ng	# 54

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
81) Benzo(a)anthracene	13.99	228	53484	2.673	ng		99
82) 3,3'-Dichlorobenzidine	14.03	252	1030	0.148	ng	#	1
83) Chrysene	14.03	228	58205	2.996	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	45272	3.489	ng		98
85) Di-n-octyl phthalate	14.58	149	1086	0.053	ng	#	78
86) Indeno(1,2,3-cd)pyrene	16.94	276	23188	1.421	ng	#	91
88) Benzo(b)fluoranthene	15.04	252	63656m	2.813	ng		
90) Benzo(a)pyrene	15.40	252	39701	1.963	ng	#	95
91) Dibenzo(a,h)anthracene	16.94	278	7186	0.410	ng	#	83
92) Benzo(g,h,i)perylene	17.39	276	24281	1.412	ng		99

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

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