

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116031.D
 Acq On : 6 Aug 2019 23:22
 Operator : HP/JU
 Sample : K4164-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2000030

Manual Integrations
 APPROVED

mohammad
 8/7/2019 4:42:12 PM

Quant Time: Aug 07 05:43:03 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	116807	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	457276	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	237566	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	384773	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	294208	20.00	ng	-0.03
87) Perylene-d12	15.47	264	349634	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	573182	82.15	ng	0.00
7) Phenol-d6	6.47	99	742877	84.39	ng	-0.01
23) Nitrobenzene-d5	7.40	82	474613	59.91	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	149633	64.97	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	846464	66.74	ng	-0.02
79) Terphenyl-d14	12.94	244	777558	55.69	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.36	88	108	0.031	ng	# 25
6) Aniline	6.61	93	708	0.056	ng	# 1
9) Benzaldehyde	6.47	77	1326	0.218	ng	# 1
10) Phenol	6.49	94	3366	0.325	ng	# 1
11) bis(2-Chloroethyl)ether	6.61	93	708	0.093	ng	# 1
15) Benzyl Alcohol	7.00	79	8401	1.257	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.15	45	111	0.011	ng	# 65
22) Acetophenone	7.27	105	991	0.099	ng	# 52
24) Nitrobenzene	7.40	77	1447	0.169	ng	# 34
28) bis(2-Chloroethoxy)methane	8.02	93	128	0.014	ng	# 1
31) Naphthalene	8.15	128	12235	0.569	ng	# 97
33) 4-Chloroaniline	8.15	127	1181	0.123	ng	# 39
37) 2-Methylnaphthalene	8.85	142	9055	0.639	ng	# 97
46) 1,1'-Biphenyl	9.30	154	3758	0.224	ng	# 99
47) 2-Chloronaphthalene	9.59	162	503	0.036	ng	# 1
48) 2-Nitroaniline	9.59	65	1157	0.251	ng	# 1
49) Acenaphthylene	9.74	152	13646	0.670	ng	# 97
50) Dimethylphthalate	9.59	163	122832	7.594	ng	# 100
51) 2,6-Dinitrotoluene	9.59	165	1129	0.321	ng	# 1
52) Acenaphthene	9.91	154	10552	0.845	ng	# 98
55) Dibenzofuran	10.09	168	10500	0.578	ng	# 92
56) 4-Nitrophenol	10.09	139	4064	1.461	ng	# 15
58) Fluorene	10.43	166	10936	0.782	ng	# 99
60) Diethylphthalate	10.29	149	1173	0.078	ng	# 58
63) Azobenzene	10.58	77	480	0.031	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.66	198	307	0.151	ng	# 1
66) n-Nitrosodiphenylamine	10.53	169	1160	0.100	ng	# 88
71) Phenanthrene	11.39	178	153113	7.784	ng	# 96
72) Anthracene	11.44	178	45300m	2.276	ng	#
73) Carbazole	11.60	167	14328	0.793	ng	# 94
74) Di-n-butylphthalate	11.92	149	4299	0.204	ng	# 93
75) Fluoranthene	12.57	202	315552	15.323	ng	# 99
77) Benzidine	12.94	184	11863	1.194	ng	# 98
78) Pyrene	12.80	202	296329	13.362	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Butylbenzylphthalate	13.41	149	6591	0.703	nq	# 83
81) Benzo(a)anthracene	13.99	228	158089	8.407	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	535	0.082	nq	# 49
83) Chrysene	14.03	228	158631	8.689	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	9058	0.743	nq	# 91
86) Indeno(1,2,3-cd)pyrene	16.94	276	84872	5.535	nq	97
88) Benzo(b)fluoranthene	15.04	252	205893m	10.185	nq	
89) Benzo(k)fluoranthene	15.06	252	81041m	4.116	nq	
90) Benzo(a)pyrene	15.40	252	153143	8.474	nq	# 96
91) Dibenzo(a,h)anthracene	16.94	278	22962	1.468	nq	# 81
92) Benzo(a,h,i)perylene	17.38	276	84109	5.475	nq	99

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

