

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116008.D
 Acq On : 6 Aug 2019 13:02
 Operator : HP/JU
 Sample : K4136-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-C1-C4-COMP-(0-1)

Manual Integrations
 APPROVED

mohammad
 8/7/2019 4:41:43 PM

Quant Time: Aug 07 02:17:07 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	123975	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	484488	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	260160	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	457476	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	326566	20.00	ng	-0.02
87) Perylene-d12	15.46	264	316759	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	649305	87.68	ng	0.00
7) Phenol-d6	6.47	99	878853	94.06	ng	-0.01
23) Nitrobenzene-d5	7.40	82	546097	65.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	222743	88.31	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	942562	67.86	ng	-0.02
79) Terphenyl-d14	12.95	244	1019686	65.80	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	107	0.029	ng	# 2
6) Aniline	6.62	93	1034	0.077	ng	# 1
9) Benzaldehyde	6.47	77	1560	0.242	ng	# 1
10) Phenol	6.49	94	11898	1.081	ng	# 49
11) bis(2-Chloroethyl)ether	6.62	93	1034	0.128	ng	# 1
15) Benzyl Alcohol	7.00	79	8841	1.247	ng	# 44
22) Acetophenone	7.26	105	2525	0.238	ng	# 82
24) Nitrobenzene	7.40	77	1809	0.200	ng	# 39
31) Naphthalene	8.15	128	1558	0.068	ng	# 68
37) 2-Methylnaphthalene	8.85	142	296	0.020	ng	# 69
38) 1-Methylnaphthalene	8.94	142	134	0.009	ng	# 7
46) 1,1'-Biphenyl	9.30	154	1625	0.088	ng	# 83
47) 2-Chloronaphthalene	9.59	162	266	0.017	ng	# 1
48) 2-Nitroaniline	9.59	65	616	0.122	ng	# 1
49) Acenaphthylene	9.74	152	499	0.022	ng	# 59
50) Dimethylphthalate	9.59	163	67102	3.788	ng	# 98
52) Acenaphthene	9.91	154	3620	0.265	ng	# 90
55) Dibenzofuran	10.09	168	1925	0.097	ng	# 80
56) 4-Nitrophenol	10.09	139	813	0.267	ng	# 8
58) Fluorene	10.43	166	3455	0.226	ng	# 98
60) Diethylphthalate	10.29	149	12299	0.744	ng	# 100
63) Azobenzene	10.57	77	1103	0.065	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.66	198	471	0.194	ng	# 1
66) n-Nitrosodiphenylamine	10.53	169	369	0.027	ng	# 24
71) Phenanthrene	11.39	178	75543	3.230	ng	# 99
73) Carbazole	11.60	167	6469	0.301	ng	# 82
74) Di-n-butylphthalate	11.92	149	9178	0.366	ng	# 46
75) Fluoranthene	12.58	202	190584	7.784	ng	# 81
77) Benzdine	12.69	184	1036	0.094	ng	# 1
78) Pyrene	12.81	202	166259	6.754	ng	# 84
80) Butylbenzylphthalate	13.42	149	921	0.088	ng	# 1
81) Benzo(a)anthracene	13.99	228	90253	4.324	ng	# 96
82) 3,3'-Dichlorobenzidine	13.94	252	1850	0.255	ng	# 1
83) Chrysene	14.03	228	75014	3.702	ng	# 95

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84) Bis(2-ethylhexyl)phthalate	13.97	149	6057	0.448	nq	# 86
85) Di-n-octyl phthalate	14.57	149	527	0.025	nq	# 51
86) Indeno(1,2,3-cd)pyrene	16.94	276	46202	2.715	nq	97
88) Benzo(b)fluoranthene	15.04	252	98914m	5.401	nq	
90) Benzo(a)pyrene	15.40	252	69838	4.266	nq	# 95
91) Dibenzo(a,h)anthracene	16.94	278	12114	0.855	nq	# 90
92) Benzo(q,h,i)perylene	17.37	276	46341	3.329	nq	96

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

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