

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096034.D
 Acq On : 20 Jun 2017 8:30
 Operator : SJ/MA
 Sample : PB99828BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99828BS

Manual Integrations
 APPROVED

mohammad
 6/20/2017 4:29:55 PM

Quant Time: Jun 20 13:37:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	60780	20.00	ng	-0.01
21) Naphthalene-d8	9.34	136	235221	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	90254	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	141214	20.00	ng	-0.01
75) Chrysene-d12	18.29	240	112118	20.00	ng	-0.01
86) Perylene-d12	19.96	264	93340	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	561097	147.10	ng	0.00
7) Phenol-d6	6.90	99	617130	135.14	ng	-0.01
23) Nitrobenzene-d5	8.23	82	352099	92.96	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	95543	119.65	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	663090	102.24	ng	-0.02
78) Terphenyl-d14	16.94	244	461868	102.23	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.68	88	64891	35.76	ng	# 87
3) Pyridine	2.23	79	156878	36.79	ng	97
4) n-Nitrosodimethylamine	2.19	42	71408	44.04	ng	83
6) Aniline	6.81	93	198374	33.21	ng	95
8) 2-Chlorophenol	7.00	128	193396	47.69	ng	95
9) Benzaldehyde	6.62	77	54949	17.84	ng	97
10) Phenol	6.92	94	232437	49.07	ng	89
11) bis(2-Chloroethyl)ether	6.96	93	178959	47.69	ng	97
12) 1,3-Dichlorobenzene	7.20	146	204930	44.64	ng	99
13) 1,4-Dichlorobenzene	7.33	146	210809	45.28	ng	98
14) 1,2-Dichlorobenzene	7.57	146	197511	46.02	ng	96
15) Benzyl Alcohol	7.62	79	139909	44.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.81	45	246546	46.76	ng	98
17) 2-Methylphenol	7.86	107	156562	46.00	ng	92
18) Hexachloroethane	8.08	117	52546	34.18	ng	# 79
19) n-Nitroso-di-n-propylamine	8.05	70	133072	45.98	ng	94
20) 3+4-Methylphenols	8.13	107	205517	47.57	ng	# 57
22) Acetophenone	8.00	105	262578	47.69	ng	# 83
24) Nitrobenzene	8.26	77	182590	45.13	ng	92
25) Isophorone	8.66	82	321298	45.43	ng	97
26) 2-Nitrophenol	8.77	139	50822	23.99	ng	94
27) 2,4-Dimethylphenol	8.93	122	159916	48.64	ng	98
28) bis(2-Chloroethoxy)methane	9.05	93	215349	46.20	ng	99
29) 2,4-Dichlorophenol	9.22	162	138501	43.74	ng	99
30) 1,2,4-Trichlorobenzene	9.27	180	149492	45.37	ng	99
31) Naphthalene	9.37	128	512189	43.39	ng	99
32) Benzoic acid	9.28	122	32894	19.42	ng	89
33) 4-Chloroaniline	9.54	127	143968	31.20	ng	# 92
34) Hexachlorobutadiene	9.59	225	77282	45.39	ng	98
35) Caprolactam	10.17	113	41259	43.79	ng	# 87
36) 4-Chloro-3-methylphenol	10.42	107	140853	42.49	ng	92
37) 2-Methylnaphthalene	10.50	142	340397	42.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.79	216	130010	48.13	ng	98
40) Hexachlorocyclopentadiene	10.75	237	3997	15.30	ng	89

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42) 2,4,6-Trichlorophenol	11.02	196	78474	45.19	nq	99
43) 2,4,5-Trichlorophenol	11.13	196	75002	40.60	nq	97
45) 1,1'-Biphenyl	11.27	154	367153	49.36	nq	98
46) 2-Chloronaphthalene	11.29	162	277043	47.67	nq	96
47) 2-Nitroaniline	11.52	65	84779	49.85	nq	# 80
48) Acenaphthylene	11.93	152	418404	42.10	nq	98
49) Dimethylphthalate	11.83	163	335894	49.02	nq	99
50) 2,6-Dinitrotoluene	11.92	165	51500	34.45	nq	# 72
51) Acenaphthene	12.22	154	240039	41.82	nq	98
52) 3-Nitroaniline	12.19	138	83737	48.08	nq	90
53) 2,4-Dinitrophenol	12.52	184	125	6.61	nq	# 1
54) Dibenzofuran	12.50	168	371467	45.98	nq	98
55) 4-Nitrophenol	12.66	139	54403	55.04	nq	# 79
56) 2,4-Dinitrotoluene	12.60	165	61924	30.67	nq	# 88
57) Fluorene	13.06	166	288635	41.06	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.77	232	52284	41.37	nq	# 87
59) Diethylphthalate	12.97	149	315045	47.77	nq	98
60) 4-Chlorophenyl-phenylether	13.09	204	132897	43.47	nq	90
61) 4-Nitroaniline	13.19	138	75204	46.25	nq	95
62) Azobenzene	13.34	77	266775	44.63	nq	94
65) n-Nitrosodiphenylamine	13.30	169	246755	48.63	nq	98
66) 4-Bromophenyl-phenylether	13.86	248	70360	47.94	nq	99
67) Hexachlorobenzene	13.95	284	69094	47.78	nq	# 88
68) Atrazine	14.22	200	64607	45.75	nq	97
69) Pentachlorophenol	14.33	266	25079	48.56	nq	94
70) Phenanthrene	14.59	178	370174	45.43	nq	99
71) Anthracene	14.68	178	387082	45.50	nq	98
72) Carbazole	14.99	167	355574	42.89	nq	97
73) Di-n-butylphthalate	15.57	149	445679	50.53	nq	98
74) Fluoranthene	16.38	202	373623	46.33	nq	99
76) Benzidine	16.62	184	273201	63.45	nq	# 93
77) Pyrene	16.69	202	384893	46.01	nq	99
79) Butylbenzylphthalate	17.60	149	178292	48.80	nq	# 85
80) Benzo(a)anthracene	18.27	228	306679	47.05	nq	99
81) 3,3'-Dichlorobenzidine	18.26	252	110223	47.56	nq	# 96
82) Chrysene	18.32	228	293916	45.12	nq	100
83) Bis(2-ethylhexyl)phthalate	18.36	149	255823	49.64	nq	# 99
84) Di-n-octyl phthalate	19.13	149	440215	51.84	nq	96
85) Indeno(1,2,3-cd)pyrene	21.11	276	238190	42.73	nq	99
87) Benzo(b)fluoranthene	19.55	252	259629	44.42	nq	98
88) Benzo(k)fluoranthene	19.58	252	267041m	47.80	nq	
89) Benzo(a)pyrene	19.90	252	250320	46.60	nq	98
90) Dibenzo(a,h)anthracene	21.11	278	201995	44.33	nq	95
91) Benzo(g,h,i)perylene	21.44	276	199270	42.89	nq	96

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

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