

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098077.D
 Acq On : 28 Aug 2017 20:23
 Operator : SJ/JU
 Sample : PB101859BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

Quant Time: Aug 29 08:52:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	102184	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	408519	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	179317	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	353571	20.00	ng	0.00
75) Chrysene-d12	13.90	240	296656	20.00	ng	0.00
86) Perylene-d12	15.32	264	252578	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	570286	84.89	ng	0.00
7) Phenol-d6	6.38	99	767298	84.06	ng	0.00
23) Nitrobenzene-d5	7.31	82	687022	91.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	139455	89.63	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1018884	83.48	ng	0.00
78) Terphenyl-d14	12.84	244	921161	64.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	133027	35.507	ng	89
3) Pyridine	3.17	79	389593	37.616	ng	# 85
4) n-Nitrosodimethylamine	3.13	42	147039	36.896	ng	# 74
6) Aniline	6.40	93	293559	22.894	ng	97
8) 2-Chlorophenol	6.53	128	294600	41.582	ng	98
9) Benzaldehyde	6.29	77	127426	22.040	ng	88
10) Phenol	6.39	94	422696	39.596	ng	96
11) bis(2-Chloroethyl)ether	6.48	93	317368	39.389	ng	96
12) 1,3-Dichlorobenzene	6.68	146	292442	38.375	ng	# 92
13) 1,4-Dichlorobenzene	6.76	146	293444	37.861	ng	# 93
14) 1,2-Dichlorobenzene	6.91	146	275749	38.585	ng	98
15) Benzyl Alcohol	6.89	79	286840	41.974	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	411979	38.003	ng	91
17) 2-Methylphenol	7.00	107	260834	41.778	ng	95
18) Hexachloroethane	7.25	117	118795	39.094	ng	# 79
19) n-Nitroso-di-n-propylamine	7.16	70	229006	36.650	ng	92
20) 3+4-Methylphenols	7.16	107	314170	41.199	ng	94
22) Acetophenone	7.15	105	422766	39.174	ng	# 90
24) Nitrobenzene	7.33	77	363514	43.415	ng	95
25) Isophorone	7.57	82	643707	41.166	ng	97
26) 2-Nitrophenol	7.65	139	149475	49.135	ng	# 86
27) 2,4-Dimethylphenol	7.69	122	266365	40.845	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	403605	39.261	ng	99
29) 2,4-Dichlorophenol	7.89	162	226140	41.774	ng	94
30) 1,2,4-Trichlorobenzene	7.97	180	229093	38.175	ng	98
31) Naphthalene	8.05	128	826851	38.987	ng	99
32) Benzoic acid	7.81	122	142414	32.378	ng	89
33) 4-Chloroaniline	8.10	127	153919	17.209	ng	97
34) Hexachlorobutadiene	8.16	225	131680	37.582	ng	99
35) Caprolactam	8.47	113	81551m	44.313	ng	
36) 4-Chloro-3-methylphenol	8.59	107	278881	40.097	ng	# 80
37) 2-Methylnaphthalene	8.74	142	538361	41.404	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	212922	38.691	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	235926	89.238	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	150431	40.715	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	160973	43.917	nq	96
45) 1,1'-Biphenyl	9.20	154	627247	38.359	nq	96
46) 2-Chloronaphthalene	9.23	162	471415	39.018	nq #	92
47) 2-Nitroaniline	9.33	65	187639	46.326	nq	96
48) Acenaphthylene	9.64	152	765296	40.336	nq	100
49) Dimethylphthalate	9.50	163	547132	41.742	nq	100
50) 2,6-Dinitrotoluene	9.57	165	117771	45.013	nq #	60
51) Acenaphthene	9.82	154	451485	37.730	nq	99
52) 3-Nitroaniline	9.73	138	83403	24.707	nq	89
53) 2,4-Dinitrophenol	9.85	184	102591	82.122	nq #	78
54) Dibenzofuran	9.99	168	681867	42.517	nq	99
55) 4-Nitrophenol	9.90	139	213091	79.134	nq #	38
56) 2,4-Dinitrotoluene	9.97	165	156786	47.750	nq #	58
57) Fluorene	10.33	166	510713	41.189	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	128900	45.422	nq	96
59) Diethylphthalate	10.20	149	553341	40.369	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	232756	40.407	nq #	86
61) 4-Nitroaniline	10.35	138	138228	43.084	nq #	71
62) Azobenzene	10.48	77	684336	42.030	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	73201	44.639	nq #	78
65) n-Nitrosodiphenylamine	10.44	169	461631	38.341	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	141910	38.651	nq	92
67) Hexachlorobenzene	10.87	284	141351	37.771	nq #	89
68) Atrazine	10.97	200	143743	45.018	nq	98
69) Pentachlorophenol	11.07	266	151939	69.633	nq	99
70) Phenanthrene	11.29	178	760697	40.375	nq	99
71) Anthracene	11.34	178	774630	40.536	nq	99
72) Carbazole	11.49	167	754946	41.620	nq	99
73) Di-n-butylphthalate	11.83	149	875796	41.917	nq	99
74) Fluoranthene	12.47	202	831238	42.269	nq	98
76) Benzidine	12.59	184	271958m	27.960	nq	
77) Pyrene	12.70	202	864532	35.632	nq	98
79) Butylbenzylphthalate	13.32	149	382505	41.119	nq #	72
80) Benzo(a)anthracene	13.89	228	674160	37.917	nq	98
81) 3,3'-Dichlorobenzidine	13.85	252	154153	25.694	nq #	96
82) Chrysene	13.93	228	677676	38.315	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	462431	44.860	nq #	99
84) Di-n-octyl phthalate	14.49	149	832172	46.397	nq	98
85) Indeno(1,2,3-cd)pyrene	16.70	276	586722	45.094	nq	94
87) Benzo(b)fluoranthene	14.91	252	665219	41.783	nq	99
88) Benzo(k)fluoranthene	14.94	252	549170	36.715	nq #	94
89) Benzo(a)pyrene	15.26	252	584047	41.439	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	478971	41.743	nq	98
91) Benzo(g,h,i)perylene	17.12	276	502020	41.931	nq #	93

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

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