

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
 Data File : BM011089.D
 Acq On : 01 Aug 2017 19:15
 Operator : SJ/JU
 Sample : PB101132BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101132BS

Manual Integrations
 APPROVED

Sohil
 8/2/2017 7:17:15 PM

Quant Time: Aug 02 02:12:42 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	163657	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	766589	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	621947	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1686505	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1761598	20.00	ng	0.00
86) Perylene-d12	23.13	264	1322414	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.03	112	1044641	107.90	ng	0.00
7) Phenol-d6	6.59	99	1501433	109.15	ng	0.00
23) Nitrobenzene-d5	8.53	82	2054899	100.61	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	1032832	103.61	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	4789796	96.58	ng	-0.01
78) Terphenyl-d14	19.46	244	8528138	95.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.03	88	154669	35.582	ng	# 100
3) Pyridine	3.40	79	388223	32.697	ng	# 86
4) n-Nitrosodimethylamine	3.32	42	338583	55.958	ng	# 60
6) Aniline	6.73	93	549940	31.721	ng	# 86
8) 2-Chlorophenol	6.96	128	480677	48.904	ng	# 72
9) Benzaldehyde	6.54	77	549846	61.780	ng	# 74
10) Phenol	6.61	94	760578	50.907	ng	# 89
11) bis(2-Chloroethyl)ether	6.83	93	577194	49.582	ng	# 89
12) 1,3-Dichlorobenzene	7.27	146	539897	45.071	ng	# 77
13) 1,4-Dichlorobenzene	7.42	146	535720	43.630	ng	# 89
14) 1,2-Dichlorobenzene	7.73	146	529262	45.083	ng	# 91
15) Benzyl Alcohol	7.63	79	754958	57.212	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.92	45	546819	52.200	ng	# 78
17) 2-Methylphenol	7.83	107	524854	54.966	ng	# 72
18) Hexachloroethane	8.44	117	256646	47.929	ng	# 80
19) n-Nitroso-di-n-propylamine	8.20	70	647743	55.414	ng	# 94
20) 3+4-Methylphenols	8.16	107	702999	52.963	ng	# 79
22) Acetophenone	8.20	105	987756	42.985	ng	# 88
24) Nitrobenzene	8.57	77	985877	46.580	ng	# 84
25) Isophorone	9.10	82	1638895	48.124	ng	# 84
26) 2-Nitrophenol	9.27	139	303886	45.124	ng	# 16
27) 2,4-Dimethylphenol	9.35	122	560270	47.259	ng	# 58
28) bis(2-Chloroethoxy)methane	9.59	93	902551	47.518	ng	# 97
29) 2,4-Dichlorophenol	9.80	162	657065	49.322	ng	# 93
30) 1,2,4-Trichlorobenzene	10.01	180	755017	45.837	ng	# 98
31) Naphthalene	10.19	128	1758409	45.597	ng	# 99
32) Benzoic acid	9.52	122	393614	41.306	ng	# 48
33) 4-Chloroaniline	10.32	127	578885m	37.628	ng	# 99
34) Hexachlorobutadiene	10.48	225	604310	46.580	ng	# 99
35) Caprolactam	11.12	113	190922m	50.536	ng	# 73
36) 4-Chloro-3-methylphenol	11.45	107	852939	49.584	ng	# 85
37) 2-Methylnaphthalene	11.82	142	1484940	52.416	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	1105376	41.368	ng	# 97
40) Hexachlorocyclopentadiene	12.18	237	1775612	114.041	ng	# 97

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42) 2,4,6-Trichlorophenol	12.45	196	711245	43.977	nq	97
43) 2,4,5-Trichlorophenol	12.52	196	760050	45.628	nq #	85
45) 1,1'-Biphenyl	12.86	154	2187374	40.674	nq	96
46) 2-Chloronaphthalene	12.90	162	1732007	43.712	nq	94
47) 2-Nitroaniline	13.12	65	745172	53.159	nq #	67
48) Acenaphthylene	13.76	152	2673868	45.218	nq	99
49) Dimethylphthalate	13.52	163	2364927	44.449	nq #	97
50) 2,6-Dinitrotoluene	13.63	165	487563	45.317	nq #	43
51) Acenaphthene	14.11	154	1657909	45.280	nq	98
52) 3-Nitroaniline	13.97	138	419785	44.962	nq #	29
53) 2,4-Dinitrophenol	14.17	184	681556	89.135	nq #	80
54) Dibenzofuran	14.44	168	2954203	49.795	nq #	89
55) 4-Nitrophenol	14.29	139	705480	86.005	nq #	82
56) 2,4-Dinitrotoluene	14.43	165	750624	49.696	nq #	88
57) Fluorene	15.10	166	2484966	48.108	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.68	232	837463	53.637	nq #	100
59) Diethylphthalate	14.90	149	2565459	47.214	nq	98
60) 4-Chlorophenyl-phenylether	15.10	204	1518758	48.699	nq	96
61) 4-Nitroaniline	15.14	138	421071	42.460	nq #	1
62) Azobenzene	15.40	77	3380464	58.130	nq	86
64) 4,6-Dinitro-2-methylphenol	15.20	198	495969	43.440	nq	94
65) n-Nitrosodiphenylamine	15.33	169	2194887	45.475	nq	99
66) 4-Bromophenyl-phenylether	16.00	248	1028949	47.459	nq #	93
67) Hexachlorobenzene	16.10	284	1070515	43.696	nq #	84
68) Atrazine	16.30	200	923621	47.752	nq	94
69) Pentachlorophenol	16.46	266	1405947	90.392	nq	98
70) Phenanthrene	16.84	178	4314886	48.861	nq	100
71) Anthracene	16.93	178	4363081	49.540	nq	99
72) Carbazole	17.21	167	3571986	46.376	nq	100
73) Di-n-butylphthalate	17.80	149	4439280	47.330	nq #	96
74) Fluoranthene	18.87	202	5346745	48.857	nq	98
76) Benzidine	19.08	184	817614	19.401	nq	99
77) Pyrene	19.24	202	5527366	52.807	nq	100
79) Butylbenzylphthalate	20.17	149	1925378	51.728	nq #	66
80) Benzo(a)anthracene	21.00	228	4852884	48.246	nq	99
81) 3,3'-Dichlorobenzidine	20.95	252	1656091	41.969	nq #	96
82) Chrysene	21.06	228	4552142	47.147	nq	99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2606264	47.597	nq #	98
84) Di-n-octyl phthalate	21.82	149	4073554	45.837	nq	98
85) Indeno(1,2,3-cd)pyrene	25.20	276	3909043	39.092	nq #	96
87) Benzo(b)fluoranthene	22.51	252	4214522	49.656	nq #	91
88) Benzo(k)fluoranthene	22.55	252	4130104	50.771	nq #	95
89) Benzo(a)pyrene	23.04	252	3844816	50.063	nq #	96
90) Dibenzo(a,h)anthracene	25.22	278	3212893	45.127	nq #	90
91) Benzo(g,h,i)perylene	25.84	276	3166082	45.287	nq #	83

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

