

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101625.D
 Acq On : 22 Dec 2017 00:54
 Operator : SJ/JU
 Sample : PB105265BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105265BS

Quant Time: Dec 22 01:56:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	136120	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	519130	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202357	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	297360	20.00	ng	0.00
75) Chrysene-d12	13.97	240	273394	20.00	ng	0.00
86) Perylene-d12	15.44	264	236602	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	760911	83.27	ng	0.01
7) Phenol-d6	6.45	99	852510	74.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	772729	82.86	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	138644	71.10	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1184659	90.81	ng	0.00
78) Terphenyl-d14	12.90	244	825481	72.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	167377	35.646	ng	97
3) Pyridine	3.35	79	432454	33.149	ng	96
4) n-Nitrosodimethylamine	3.32	42	219626	36.563	ng	# 95
6) Aniline	6.47	93	184876	11.698	ng	# 72
8) 2-Chlorophenol	6.59	128	359299	37.377	ng	98
9) Benzaldehyde	6.36	77	195639	23.293	ng	99
10) Phenol	6.46	94	461586	35.610	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	368214	36.214	ng	94
12) 1,3-Dichlorobenzene	6.73	146	399484	36.822	ng	98
13) 1,4-Dichlorobenzene	6.82	146	404863	36.543	ng	98
14) 1,2-Dichlorobenzene	6.96	146	361131	36.213	ng	99
15) Benzyl Alcohol	6.95	79	259577	33.160	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	617642	39.692	ng	65
17) 2-Methylphenol	7.06	107	290034	32.800	ng	# 87
18) Hexachloroethane	7.30	117	118700	30.816	ng	100
19) n-Nitroso-di-n-propylamine	7.21	70	257576	34.487	ng	93
20) 3+4-Methylphenols	7.22	107	387723	41.379	ng	# 84
22) Acetophenone	7.21	105	496649	41.928	ng	# 93
24) Nitrobenzene	7.39	77	400061	38.760	ng	97
25) Isophorone	7.62	82	727027	38.861	ng	97
26) 2-Nitrophenol	7.70	139	180275	40.655	ng	99
27) 2,4-Dimethylphenol	7.74	122	314068	41.691	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	463683	39.018	ng	99
29) 2,4-Dichlorophenol	7.95	162	289486	38.897	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	295795	37.662	ng	97
31) Naphthalene	8.10	128	963234	36.856	ng	99
32) Benzoic acid	7.89	122	141135	31.154	ng	91
33) 4-Chloroaniline	8.17	127	93244	8.209	ng	# 94
34) Hexachlorobutadiene	8.20	225	170354	37.502	ng	98
35) Caprolactam	8.54	113	92771	35.899	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	287973	35.204	ng	99
37) 2-Methylnaphthalene	8.79	142	616582	36.211	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	293763	42.998	ng	97
40) Hexachlorocyclopentadiene	8.93	237	633	11.946	ng	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	176583	42.932	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	174185	38.677	nq	95
45) 1,1'-Biphenyl	9.26	154	741450	41.316	nq	98
46) 2-Chloronaphthalene	9.29	162	536398	39.063	nq	96
47) 2-Nitroaniline	9.39	65	194398	40.981	nq	90
48) Acenaphthylene	9.70	152	771508	35.572	nq	100
49) Dimethylphthalate	9.56	163	617957	37.966	nq	99
50) 2,6-Dinitrotoluene	9.63	165	126363	38.197	nq	96
51) Acenaphthene	9.87	154	463498	35.570	nq	99
52) 3-Nitroaniline	9.80	138	81719	19.813	nq	92
53) 2,4-Dinitrophenol	9.95	184	7090	15.680	nq	# 19
54) Dibenzofuran	10.04	168	653948	39.491	nq	98
55) 4-Nitrophenol	9.99	139	121232	67.409	nq	# 87
56) 2,4-Dinitrotoluene	10.05	165	142350	38.192	nq	# 82
57) Fluorene	10.39	166	509612	36.379	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	131345	40.593	nq	# 85
59) Diethylphthalate	10.25	149	607090	37.664	nq	97
60) 4-Chlorophenyl-phenylether	10.37	204	263063	39.183	nq	95
61) 4-Nitroaniline	10.42	138	111456	26.885	nq	97
62) Azobenzene	10.53	77	580744	34.780	nq	95
64) 4,6-Dinitro-2-methylphenol	10.47	198	10827	7.135	nq	84
65) n-Nitrosodiphenylamine	10.49	169	473028	43.081	nq	96
66) 4-Bromophenyl-phenylether	10.86	248	149420	44.720	nq	# 86
67) Hexachlorobenzene	10.93	284	143334	40.533	nq	95
68) Atrazine	11.02	200	143189	43.736	nq	97
69) Pentachlorophenol	11.14	266	103464	75.628	nq	97
70) Phenanthrene	11.35	178	633984	38.338	nq	99
71) Anthracene	11.40	178	649775	38.467	nq	99
72) Carbazole	11.56	167	575221	36.372	nq	99
73) Di-n-butylphthalate	11.87	149	812292	42.317	nq	99
74) Fluoranthene	12.54	202	642942	37.041	nq	99
76) Benzidine	12.66	184	415340	35.970	nq	98
77) Pyrene	12.77	202	682881	33.282	nq	99
79) Butylbenzylphthalate	13.37	149	307066	33.075	nq	97
80) Benzo(a)anthracene	13.96	228	679495	37.640	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	237632	40.370	nq	# 98
82) Chrysene	14.00	228	655256	38.443	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	402210	34.204	nq	100
84) Di-n-octyl phthalate	14.53	149	816674	38.942	nq	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	444741	29.301	nq	96
87) Benzo(b)fluoranthene	15.01	252	632545	43.861	nq	98
88) Benzo(k)fluoranthene	15.04	252	543454	38.758	nq	98
89) Benzo(a)pyrene	15.38	252	532390	40.046	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	380963	33.375	nq	98
91) Benzo(g,h,i)perylene	17.36	276	362048	32.032	nq	95

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

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