

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087349.D
 Acq On : 24 May 2016 21:27
 Operator : UM/SJ
 Sample : H3135-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEWER-JOBMSD

Quant Time: May 25 15:24:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 00:58:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	108951	20.00	ng	-0.01
21) Naphthalene-d8	9.59	136	453475	20.00	ng	-0.01
38) Acenaphthene-d10	12.42	164	222680	20.00	ng	0.00
63) Phenanthrene-d10	14.82	188	434718	20.00	ng	0.00
75) Chrysene-d12	18.51	240	350196	20.00	ng	0.00
86) Perylene-d12	20.18	264	208718	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	994724	160.43	ng	0.03
7) Phenol-d6	7.11	99	1252317	149.47	ng	0.00
23) Nitrobenzene-d5	8.48	82	941341	104.62	ng	-0.01
41) 2,4,6-Tribromophenol	13.73	330	343575	160.56	ng	0.00
44) 2-Fluorobiphenyl	11.37	172	1581809	100.14	ng	-0.01
78) Terphenyl-d14	17.18	244	1524635	92.56	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.07	88	129915m	39.71	ng	
3) Pyridine	2.73	79	211467m	29.57	ng	
4) n-Nitrosodimethylamine	2.58	42	271408	49.25	ng	# 49
6) Aniline	7.10	93	45307	4.18	ng	# 1
8) 2-Chlorophenol	7.24	128	399131	51.62	ng	90
9) Benzaldehyde	6.91	77	43917	9.49	ng	95
10) Phenol	7.13	94	475946	52.02	ng	80
11) bis(2-Chloroethyl)ether	7.21	93	390141	52.69	ng	91
12) 1,3-Dichlorobenzene	7.46	146	417143	49.46	ng	96
13) 1,4-Dichlorobenzene	7.59	146	431090	49.79	ng	95
14) 1,2-Dichlorobenzene	7.82	146	405492	50.63	ng	98
15) Benzyl Alcohol	7.86	79	315869	51.71	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.06	45	785110	47.12	ng	99
17) 2-Methylphenol	8.07	107	329031	53.10	ng	# 83
18) Hexachloroethane	8.33	117	162337	50.26	ng	97
19) n-Nitroso-di-n-propylamine	8.27	70	339505	54.34	ng	# 68
20) 3+4-Methylphenols	8.33	107	424599	56.68	ng	# 60
22) Acetophenone	8.25	105	598509	55.25	ng	# 96
24) Nitrobenzene	8.50	77	479365	50.47	ng	99
25) Isophorone	8.90	82	849842	52.66	ng	99
26) 2-Nitrophenol	9.00	139	210146	54.13	ng	# 70
27) 2,4-Dimethylphenol	9.15	122	358170	53.14	ng	86
28) bis(2-Chloroethoxy)methane	9.28	93	488227	53.71	ng	98
29) 2,4-Dichlorophenol	9.43	162	339257	55.85	ng	98
30) 1,2,4-Trichlorobenzene	9.51	180	354673	51.01	ng	96
31) Naphthalene	9.62	128	1315493	57.89	ng	99
32) Benzoic acid	9.48	122	167193	48.15	ng	# 78
33) 4-Chloroaniline	9.80	127	28278	3.38	ng	# 88
34) Hexachlorobutadiene	9.84	225	208766	49.39	ng	98
35) Caprolactam	10.42	113	91933m	51.86	ng	
36) 4-Chloro-3-methylphenol	10.64	107	383123	55.79	ng	91
37) 2-Methylnaphthalene	10.75	142	790232	55.67	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.03	216	338420	47.48	ng	98
40) Hexachlorocyclopentadiene	11.00	237	283492	94.68	ng	94

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42) 2,4,6-Trichlorophenol	11.26	196	222641	54.11	nq	93
43) 2,4,5-Trichlorophenol	11.34	196	220719	52.68	nq #	92
45) 1,1'-Biphenyl	11.52	154	958504	51.12	nq	97
46) 2-Chloronaphthalene	11.53	162	714912	49.84	nq #	91
47) 2-Nitroaniline	11.75	65	277747	53.75	nq #	74
48) Acenaphthylene	12.19	152	1152289	50.74	nq	99
49) Dimethylphthalate	12.08	163	918198	51.47	nq	100
50) 2,6-Dinitrotoluene	12.17	165	193932	53.95	nq #	87
51) Acenaphthene	12.48	154	721636	51.70	nq	98
52) 3-Nitroaniline	12.44	138	32691	8.86	nq #	83
53) 2,4-Dinitrophenol	12.63	184	177663	95.22	nq #	76
54) Dibenzofuran	12.76	168	1050435	55.59	nq	96
55) 4-Nitrophenol	12.81	139	197645	112.32	nq #	48
56) 2,4-Dinitrotoluene	12.83	165	267376	55.66	nq	90
57) Fluorene	13.31	166	853765	52.10	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.01	232	205781	63.85	nq	98
59) Diethylphthalate	13.23	149	905778	52.23	nq	96
60) 4-Chlorophenyl-phenylether	13.35	204	401095	50.19	nq	89
61) 4-Nitroaniline	13.44	138	119353	34.67	nq #	68
62) Azobenzene	13.60	77	995892	55.35	nq	87
64) 4,6-Dinitro-2-methylphenol	13.50	198	134661	48.72	nq	84
65) n-Nitrosodiphenylamine	13.55	169	465503	33.11	nq	100
66) 4-Bromophenyl-phenylether	14.14	248	234627	49.34	nq #	84
67) Hexachlorobenzene	14.21	284	248759	50.01	nq #	85
68) Atrazine	14.48	200	139067	31.03	nq	94
69) Pentachlorophenol	14.56	266	207933	130.30	nq	98
70) Phenanthrene	14.87	178	1247108	51.79	nq	99
71) Anthracene	14.95	178	1252332	51.48	nq	100
72) Carbazole	15.23	167	784733	37.82	nq	99
73) Di-n-butylphthalate	15.81	149	1386454	51.67	nq #	98
74) Fluoranthene	16.62	202	1203541	49.84	nq	96
77) Pyrene	16.93	202	1254544	49.77	nq	100
79) Butylbenzylphthalate	17.83	149	578730	51.77	nq #	69
80) Benzo(a)anthracene	18.50	228	1012030	50.81	nq	99
82) Chrysene	18.55	228	992795	50.22	nq	99
83) Bis(2-ethylhexyl)phthalate	18.57	149	781985	47.94	nq #	95
84) Di-n-octyl phthalate	19.35	149	1225862	49.28	nq #	86
85) Indeno(1,2,3-cd)pyrene	21.42	276	700799	44.22	nq	94
87) Benzo(b)fluoranthene	19.77	252	749403m	56.37	nq	
88) Benzo(k)fluoranthene	19.81	252	827837m	72.34	nq	
89) Benzo(a)pyrene	20.13	252	716373	62.30	nq	98
90) Dibenzo(a,h)anthracene	21.43	278	598025	60.98	nq #	94
91) Benzo(g,h,i)perylene	21.77	276	580849	60.03	nq #	94

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

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