

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080910.D
 Acq On : 7 Aug 2015 3:12
 Operator : TP/UM
 Sample : G3196-08MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3MSD

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:15:53 AM

Quant Time: Aug 07 05:46:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	58223	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	240619	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	111984	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	227828	20.00	ng	0.01
75) Chrysene-d12	13.96	240	203135	20.00	ng	0.00
86) Perylene-d12	15.36	264	189787	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	173543	47.52	ng	0.00
7) Phenol-d6	6.44	99	173519	34.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	416215	81.49	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	109458	91.00	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	602545	76.69	ng	0.00
78) Terphenyl-d14	12.91	244	613457	63.67	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	28444	16.08	ng	98
3) Pyridine	3.09	79	70246	14.12	ng	98
4) n-Nitrosodimethylamine	3.01	42	44572	17.32	ng	94
6) Aniline	6.46	93	138611	18.59	ng	96
8) 2-Chlorophenol	6.59	128	117957	28.44	ng	96
9) Benzaldehyde	6.35	77	36475	10.53	ng	91
10) Phenol	6.45	94	76611	12.70	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	177372	41.53	ng	94
12) 1,3-Dichlorobenzene	6.75	146	160213	35.62	ng	97
13) 1,4-Dichlorobenzene	6.83	146	155344	33.92	ng	97
14) 1,2-Dichlorobenzene	6.98	146	147558	35.14	ng	99
15) Benzyl Alcohol	6.96	79	115970	29.08	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	329586	37.60	ng	99
17) 2-Methylphenol	7.07	107	83509	22.47	ng	98
18) Hexachloroethane	7.32	117	59500	34.20	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	145885	40.75	ng	98
20) 3+4-Methylphenols	7.22	107	90011	19.98	ng	# 27
22) Acetophenone	7.22	105	232809	38.69	ng	# 87
24) Nitrobenzene	7.39	77	179387	34.46	ng	98
25) Isophorone	7.63	82	362006	36.98	ng	# 94
26) 2-Nitrophenol	7.71	139	68685	31.44	ng	97
27) 2,4-Dimethylphenol	7.76	122	125789	30.01	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	207559	35.77	ng	98
29) 2,4-Dichlorophenol	7.95	162	98183	29.38	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	137088	37.00	ng	99
31) Naphthalene	8.12	128	486270	37.24	ng	100
32) Benzoic acid	7.84	122	31507	11.82	ng	94
33) 4-Chloroaniline	8.17	127	97592	18.08	ng	95
34) Hexachlorobutadiene	8.24	225	70965	33.67	ng	99
35) Caprolactam	8.54	113	11394	9.13	ng	# 80
36) 4-Chloro-3-methylphenol	8.65	107	121552	30.20	ng	97
37) 2-Methylnaphthalene	8.81	142	305142	37.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	136193	39.92	ng	98
40) Hexachlorocyclopentadiene	8.97	237	162583	83.07	ng	98

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42) 2,4,6-Trichlorophenol	9.08	196	75312	29.93	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	77975	30.56	nq #	86
45) 1,1'-Biphenyl	9.28	154	416374	43.95	nq	99
46) 2-Chloronaphthalene	9.30	162	306199	41.34	nq	100
47) 2-Nitroaniline	9.39	65	118291	39.26	nq	98
48) Acenaphthylene	9.71	152	492562	37.91	nq	100
49) Dimethylphthalate	9.58	163	400008	44.98	nq #	98
50) 2,6-Dinitrotoluene	9.64	165	85748	44.96	nq #	53
51) Acenaphthene	9.88	154	328517	41.62	nq	99
52) 3-Nitroaniline	9.80	138	57510	24.39	nq	99
53) 2,4-Dinitrophenol	9.90	184	69350	66.37	nq #	81
54) Dibenzofuran	10.05	168	424199	39.67	nq	98
55) 4-Nitrophenol	9.96	139	48472	27.24	nq #	60
56) 2,4-Dinitrotoluene	10.04	165	116417	45.38	nq #	57
57) Fluorene	10.40	166	340805	40.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	63221	31.05	nq #	99
59) Diethylphthalate	10.27	149	389935	40.25	nq	100
60) 4-Chlorophenyl-phenylether	10.40	204	150852	38.47	nq #	73
61) 4-Nitroaniline	10.42	138	88895	36.76	nq	97
62) Azobenzene	10.54	77	428008	40.32	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	47829	32.22	nq	92
65) n-Nitrosodiphenylamine	10.51	169	319222	39.33	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	90102	36.39	nq	95
67) Hexachlorobenzene	10.94	284	107855	40.28	nq #	93
68) Atrazine	11.05	200	108854	46.44	nq	95
69) Pentachlorophenol	11.14	266	105567	70.35	nq	98
70) Phenanthrene	11.36	178	544691	40.85	nq	100
71) Anthracene	11.40	178	475028	36.20	nq	100
72) Carbazole	11.56	167	528083	39.84	nq	98
73) Di-n-butylphthalate	11.89	149	618410	38.27	nq	99
74) Fluoranthene	12.53	202	517866	35.53	nq	99
77) Pyrene	12.76	202	549311	36.38	nq	100
79) Butylbenzylphthalate	13.39	149	317389	43.95	nq	98
80) Benzo(a)anthracene	13.95	228	491417	37.03	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	72144	14.52	nq	98
82) Chrysene	13.99	228	458843	36.17	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	422851	42.73	nq	100
84) Di-n-octyl phthalate	14.56	149	714676	40.97	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	470587	38.10	nq	99
87) Benzo(b)fluoranthene	14.97	252	536470m	40.25	nq	
88) Benzo(k)fluoranthene	14.99	252	435121m	38.75	nq	
89) Benzo(a)pyrene	15.31	252	482929	42.04	nq	99
90) Dibenzo(a,h)anthracene	16.74	278	394497	39.84	nq	99
91) Benzo(g,h,i)perylene	17.14	276	387360	40.36	nq	95

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

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