

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
 Data File : BF082559.D
 Acq On : 27 Oct 2015 21:13
 Operator : UM/IZ
 Sample : G4157-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Quant Time: Oct 28 12:20:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	83813	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	322727	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	155415	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	276549	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	174188	20.00	ng	-0.02
86) Perylene-d12	15.32	264	162901	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	556048	130.97	ng	0.02
7) Phenol-d6	6.39	99	694106	125.44	ng	0.01
23) Nitrobenzene-d5	7.29	82	480062	95.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	161601	138.86	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1001921	102.51	ng	-0.01
78) Terphenyl-d14	12.82	244	762939	126.19	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	79531	37.32	ng	94
3) Pyridine	3.10	79	143312m	28.85	ng	
4) n-Nitrosodimethylamine	3.01	42	91986	42.11	ng	97
6) Aniline	6.40	93	35612	5.11	ng	# 1
8) 2-Chlorophenol	6.51	128	220027	44.19	ng	93
9) Benzaldehyde	6.26	77	76439	25.61	ng	99
10) Phenol	6.40	94	264364	42.08	ng	# 75
11) bis(2-Chloroethyl)ether	6.46	93	226161	45.37	ng	98
12) 1,3-Dichlorobenzene	6.65	146	257707	43.38	ng	97
13) 1,4-Dichlorobenzene	6.73	146	261947	42.86	ng	97
14) 1,2-Dichlorobenzene	6.88	146	247090m	43.56	ng	
15) Benzyl Alcohol	6.88	79	191024	49.59	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	315976	46.81	ng	87
17) 2-Methylphenol	7.01	107	176691	44.24	ng	98
18) Hexachloroethane	7.21	117	86819	41.73	ng	91
19) n-Nitroso-di-n-propylamine	7.14	70	165347	45.87	ng	99
20) 3+4-Methylphenols	7.17	107	236856	46.42	ng	96
22) Acetophenone	7.13	105	321480	45.91	ng	# 96
24) Nitrobenzene	7.31	77	239593	42.89	ng	93
25) Isophorone	7.55	82	448342	45.11	ng	99
26) 2-Nitrophenol	7.62	139	122747	45.49	ng	# 72
27) 2,4-Dimethylphenol	7.68	122	206519	47.09	ng	94
28) bis(2-Chloroethoxy)methane	7.76	93	271175	46.53	ng	99
29) 2,4-Dichlorophenol	7.89	162	205132	46.89	ng	92
30) 1,2,4-Trichlorobenzene	7.94	180	220050	44.49	ng	98
31) Naphthalene	8.02	128	670526	45.46	ng	99
32) Benzoic acid	7.84	122	111091	45.22	ng	95
33) 4-Chloroaniline	8.10	127	29601	5.18	ng	98
34) Hexachlorobutadiene	8.14	225	130883	45.75	ng	99
35) Caprolactam	8.48	113	49384m	40.61	ng	
36) 4-Chloro-3-methylphenol	8.59	107	201589	47.39	ng	97
37) 2-Methylnaphthalene	8.72	142	469678	47.14	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	222464	47.42	ng	98
40) Hexachlorocyclopentadiene	8.86	237	75579	62.04	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	131218	44.87	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	141262	46.07	nq	# 92
45) 1,1'-Biphenyl	9.18	154	541216	46.79	nq	97
46) 2-Chloronaphthalene	9.21	162	438643	48.11	nq	96
47) 2-Nitroaniline	9.31	65	117796	44.49	nq	96
48) Acenaphthylene	9.62	152	699825	47.93	nq	98
49) Dimethylphthalate	9.50	163	528963	48.92	nq	99
50) 2,6-Dinitrotoluene	9.57	165	111725	47.12	nq	93
51) Acenaphthene	9.79	154	407126	48.62	nq	98
52) 3-Nitroaniline	9.74	138	27444	10.67	nq	95
53) 2,4-Dinitrophenol	9.85	184	110150	89.29	nq	93
54) Dibenzofuran	9.97	168	604080	49.44	nq	97
55) 4-Nitrophenol	9.93	139	64806m	60.27	nq	
56) 2,4-Dinitrotoluene	9.97	165	143324	49.84	nq	94
57) Fluorene	10.31	166	498038	49.65	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	113882	48.51	nq	97
59) Diethylphthalate	10.18	149	506856	48.16	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	228615	48.47	nq	# 81
61) 4-Nitroaniline	10.35	138	92618	35.95	nq	98
62) Azobenzene	10.46	77	499078	49.09	nq	82
64) 4,6-Dinitro-2-methylphenol	10.38	198	82840	51.06	nq	96
65) n-Nitrosodiphenylamine	10.42	169	414238	49.51	nq	98
66) 4-Bromophenyl-phenylether	10.79	248	141639	54.57	nq	# 81
67) Hexachlorobenzene	10.85	284	136601	49.35	nq	# 76
68) Atrazine	10.96	200	144192	55.67	nq	99
69) Pentachlorophenol	11.06	266	90376	80.03	nq	97
70) Phenanthrene	11.27	178	710015	49.89	nq	100
71) Anthracene	11.31	178	712101	49.68	nq	100
72) Carbazole	11.49	167	622951	49.29	nq	99
73) Di-n-butylphthalate	11.81	149	797545	52.90	nq	99
74) Fluoranthene	12.46	202	670786	45.92	nq	94
76) Benzidine	12.60	184	19266m	4.03	nq	
77) Pyrene	12.69	202	644631	60.17	nq	98
79) Butylbenzylphthalate	13.30	149	281538	62.49	nq	# 78
80) Benzo(a)anthracene	13.88	228	479035	51.30	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	66137	20.42	nq	97
82) Chrysene	13.91	228	404680	45.87	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	353228	58.55	nq	100
84) Di-n-octyl phthalate	14.49	149	507206	50.94	nq	# 98
85) Indeno(1,2,3-cd)pyrene	16.68	276	475109	58.62	nq	100
87) Benzo(b)fluoranthene	14.92	252	396902m	41.03	nq	
88) Benzo(k)fluoranthene	14.95	252	414959m	52.62	nq	
89) Benzo(a)pyrene	15.26	252	413518	49.34	nq	# 98
90) Dibenzo(a,h)anthracene	16.68	278	402201	57.36	nq	96
91) Benzo(g,h,i)perylene	17.08	276	408025	58.81	nq	96

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

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