

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
 Data File : BG021755.D
 Acq On : 19 Apr 2016 4:57
 Operator : UM/SJ
 Sample : H2503-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MSD

Quant Time: Apr 19 07:03:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	35818	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	154089	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	88264	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	191258	20.00	ng	0.00
75) Chrysene-d12	21.84	240	213327	20.00	ng	0.00
86) Perylene-d12	25.17	264	214416	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.76	112	295547	137.41	ng	0.00
7) Phenol-d6	7.37	99	444615	138.39	ng	0.02
23) Nitrobenzene-d5	9.38	82	276856	92.35	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	133156	139.98	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	585429	97.18	ng	0.00
78) Terphenyl-d14	20.14	244	760973	89.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.63	88	27157	28.36	ng	# 83
3) Pyridine	4.02	79	88342	30.75	ng	# 90
4) n-Nitrosodimethylamine	3.94	42	50641	35.56	ng	# 70
6) Aniline	7.53	93	57012	13.42	ng	95
8) 2-Chlorophenol	7.78	128	114107	44.25	ng	92
9) Benzaldehyde	7.34	77	34182	18.40	ng	92
10) Phenol	7.40	94	153338	44.37	ng	96
11) bis(2-Chloroethyl)ether	7.63	93	110718	40.03	ng	90
12) 1,3-Dichlorobenzene	8.10	146	120144	41.72	ng	93
13) 1,4-Dichlorobenzene	8.25	146	122072	41.64	ng	95
14) 1,2-Dichlorobenzene	8.57	146	118265	42.05	ng	97
15) Benzyl Alcohol	8.45	79	107452	43.76	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.74	45	212918	35.94	ng	99
17) 2-Methylphenol	8.65	107	105058	43.97	ng	92
18) Hexachloroethane	9.30	117	45207	42.37	ng	# 79
19) n-Nitroso-di-n-propylamine	9.02	70	95487	38.25	ng	# 93
20) 3+4-Methylphenols	8.98	107	142258	43.51	ng	96
22) Acetophenone	9.04	105	175905	40.99	ng	# 96
24) Nitrobenzene	9.42	77	137382	42.80	ng	94
25) Isophorone	9.95	82	257951	39.31	ng	99
26) 2-Nitrophenol	10.14	139	62319	50.85	ng	96
27) 2,4-Dimethylphenol	10.19	122	107573	38.64	ng	99
28) bis(2-Chloroethoxy)methane	10.42	93	155360	44.56	ng	94
29) 2,4-Dichlorophenol	10.68	162	114773	48.36	ng	97
30) 1,2,4-Trichlorobenzene	10.89	180	120498	47.21	ng	93
31) Naphthalene	11.08	128	365757	44.35	ng	# 95
32) Benzoic acid	10.19	122	107573	61.81	ng	# 13
33) 4-Chloroaniline	11.19	127	55503	15.55	ng	97
34) Hexachlorobutadiene	11.36	225	78529	47.71	ng	94
35) Caprolactam	11.96	113	38447	35.40	ng	92
36) 4-Chloro-3-methylphenol	12.29	107	126983	42.55	ng	99
37) 2-Methylnaphthalene	12.67	142	261119	46.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	133248	48.31	ng	99
40) Hexachlorocyclopentadiene	13.01	237	98918	64.56	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	59624	33.90	nq	97
43) 2,4,5-Trichlorophenol	13.34	196	88327	46.54	nq	97
45) 1,1'-Biphenyl	13.66	154	331162	44.53	nq	96
46) 2-Chloronaphthalene	13.71	162	254661	46.32	nq	99
47) 2-Nitroaniline	13.91	65	87711	46.53	nq	97
48) Acenaphthylene	14.55	152	404336	44.48	nq	98
49) Dimethylphthalate	14.27	163	382262	50.09	nq	# 98
50) 2,6-Dinitrotoluene	14.39	165	69437	47.72	nq	97
51) Acenaphthene	14.89	154	248730	42.80	nq	100
52) 3-Nitroaniline	14.72	138	51128	31.68	nq	94
53) 2,4-Dinitrophenol	14.92	184	64	7.56	nq	# 1
54) Dibenzofuran	15.22	168	392395	49.45	nq	100
55) 4-Nitrophenol	15.03	139	16176	11.71	nq	97
56) 2,4-Dinitrotoluene	15.18	165	96626	49.13	nq	93
57) Fluorene	15.86	166	314601	44.40	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	29928	19.00	nq	99
59) Diethylphthalate	15.62	149	318741	40.02	nq	97
60) 4-Chlorophenyl-phenylether	15.85	204	153721	44.04	nq	96
61) 4-Nitroaniline	15.88	138	74973	42.22	nq	97
62) Azobenzene	16.15	77	305274	44.72	nq	97
64) 4,6-Dinitro-2-methylphenol	15.93	198	1423	6.98	nq	# 69
65) n-Nitrosodiphenylamine	16.06	169	274035	47.77	nq	96
66) 4-Bromophenyl-phenylether	16.75	248	98907	48.27	nq	94
67) Hexachlorobenzene	16.86	284	105090	48.58	nq	93
68) Atrazine	17.00	200	105425	46.54	nq	99
69) Pentachlorophenol	17.20	266	16987	13.76	nq	92
70) Phenanthrene	17.60	178	547047	51.90	nq	98
71) Anthracene	17.69	178	494460	46.21	nq	96
72) Carbazole	17.96	167	453900	45.45	nq	99
73) Di-n-butylphthalate	18.50	149	552139	43.46	nq	98
74) Fluoranthene	19.59	202	653032	51.88	nq	98
76) Benzidine	19.77	184	134161	20.20	nq	99
77) Pyrene	19.96	202	656525	53.37	nq	99
79) Butylbenzylphthalate	20.82	149	254484	44.57	nq	97
80) Benzo(a)anthracene	21.82	228	611323	49.79	nq	98
81) 3,3'-Dichlorobenzidine	21.72	252	93787	9.65	nq	99
82) Chrysene	21.88	228	557416	47.26	nq	98
83) Bis(2-ethylhexyl)phthalate	21.69	149	380413	45.55	nq	# 100
84) Di-n-octyl phthalate	22.94	149	636213	45.48	nq	97
85) Indeno(1,2,3-cd)pyrene	29.00	276	680196	48.51	nq	97
87) Benzo(b)fluoranthene	24.11	252	603927	48.54	nq	98
88) Benzo(k)fluoranthene	24.18	252	575162	47.28	nq	99
89) Benzo(a)pyrene	25.02	252	583771	48.43	nq	98
90) Dibenzo(a,h)anthracene	29.07	278	548846	45.41	nq	98
91) Benzo(g,h,i)perylene	30.21	276	572249	48.25	nq	97

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

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