

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017123.D
 Acq On : 14 May 2015 00:59
 Operator : TP/IZ
 Sample : G2194-19MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU012-SB-22-9.OMS

Manual Integrations
 APPROVED

apatel
 5/14/2015 3:02:57 PM

Quant Time: May 14 04:27:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 03:58:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	44637	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	208890	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	137557	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	308434	20.00	ng	0.00
75) Chrysene-d12	21.29	240	316542	20.00	ng	0.00
86) Perylene-d12	23.56	264	297240	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	449637	178.72	ng	0.00
7) Phenol-d6	6.91	99	628504	178.02	ng	0.00
23) Nitrobenzene-d5	8.87	82	425658	95.14	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	260357	156.57	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	849394	90.61	ng	0.00
78) Terphenyl-d14	19.74	244	1351576	88.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	41039	41.34	ng	93
3) Pyridine	3.57	79	120329	40.07	ng	98
4) n-Nitrosodimethylamine	3.49	42	98456	43.20	ng	94
6) Aniline	7.04	93	215645	44.15	ng	96
8) 2-Chlorophenol	7.28	128	160159	53.21	ng	94
9) Benzaldehyde	6.85	77	71703	29.00	ng	92
10) Phenol	6.93	94	213947	57.14	ng	97
11) bis(2-Chloroethyl)ether	7.14	93	148840	53.02	ng	100
12) 1,3-Dichlorobenzene	7.60	146	150658	44.82	ng	99
13) 1,4-Dichlorobenzene	7.75	146	152997	45.09	ng	95
14) 1,2-Dichlorobenzene	8.06	146	147885	45.63	ng	95
15) Benzyl Alcohol	7.96	79	177440	51.73	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.25	45	253389	55.67	ng	98
17) 2-Methylphenol	8.17	107	144252	53.13	ng	94
18) Hexachloroethane	8.79	117	64096	45.23	ng	92
19) n-Nitroso-di-n-propylamine	8.52	70	146952	47.77	ng	97
20) 3+4-Methylphenols	8.50	107	201538	53.42	ng	96
22) Acetophenone	8.53	105	249731	49.26	ng	# 97
24) Nitrobenzene	8.91	77	214298	48.95	ng	99
25) Isophorone	9.43	82	396882	48.13	ng	99
26) 2-Nitrophenol	9.62	139	93666	47.86	ng	# 90
27) 2,4-Dimethylphenol	9.70	122	161843	50.25	ng	97
28) bis(2-Chloroethoxy)methane	9.92	93	204206	50.86	ng	93
29) 2,4-Dichlorophenol	10.17	162	163742	53.89	ng	96
30) 1,2,4-Trichlorobenzene	10.37	180	152549	44.26	ng	92
31) Naphthalene	10.55	128	485854	47.53	ng	97
32) Benzoic acid	9.83	122	64318	29.47	ng	# 83
33) 4-Chloroaniline	10.67	127	187243	38.73	ng	95
34) Hexachlorobutadiene	10.84	225	91823	42.07	ng	97
35) Caprolactam	11.44	113	77638m	50.82	ng	
36) 4-Chloro-3-methylphenol	11.82	107	202528	52.75	ng	99
37) 2-Methylnaphthalene	12.18	142	379340	46.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	176447	45.34	ng	98
40) Hexachlorocyclopentadiene	12.52	237	217022	91.42	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	132373	47.95	ng	98
43) 2,4,5-Trichlorophenol	12.89	196	146483	51.50	ng	97
45) 1,1'-Biphenyl	13.20	154	475861	48.03	ng	98
46) 2-Chloronaphthalene	13.23	162	369845	47.15	ng	97
47) 2-Nitroaniline	13.45	65	157577	51.63	ng	96
48) Acenaphthylene	14.09	152	638921	47.55	ng	98
49) Dimethylphthalate	13.83	163	594075	55.23	ng	99
50) 2,6-Dinitrotoluene	13.95	165	120526	50.57	ng	93
51) Acenaphthene	14.43	154	378583	47.70	ng	99
52) 3-Nitroaniline	14.28	138	117719	44.52	ng	# 92
53) 2,4-Dinitrophenol	14.48	184	147566	106.64	ng	95
54) Dibenzofuran	14.77	168	582578	49.38	ng	99
55) 4-Nitrophenol	14.63	139	228438	107.28	ng	94
56) 2,4-Dinitrotoluene	14.74	165	173230	52.11	ng	90
57) Fluorene	15.41	166	499105	47.79	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.00	232	134115	51.38	ng	98
59) Diethylphthalate	15.20	149	557225	48.23	ng	98
60) 4-Chlorophenyl-phenylether	15.41	204	257684	48.04	ng	95
61) 4-Nitroaniline	15.45	138	149910	50.81	ng	94
62) Azobenzene	15.71	77	576949	52.27	ng	95
64) 4,6-Dinitro-2-methylphenol	15.50	198	105092	49.71	ng	94
65) n-Nitrosodiphenylamine	15.63	169	454115	47.96	ng	98
66) 4-Bromophenyl-phenylether	16.31	248	159544	47.43	ng	97
67) Hexachlorobenzene	16.42	284	166017	46.77	ng	94
68) Atrazine	16.58	200	179191	51.73	ng	97
69) Pentachlorophenol	16.77	266	218572	98.64	ng	93
70) Phenanthrene	17.15	178	763606	48.01	ng	100
71) Anthracene	17.25	178	770453	47.80	ng	98
72) Carbazole	17.52	167	764121	51.59	ng	97
73) Di-n-butylphthalate	18.09	149	947556	47.81	ng	99
74) Fluoranthene	19.17	202	905983	47.43	ng	95
76) Benzidine	19.37	184	470433	45.52	ng	98
77) Pyrene	19.54	202	920953	47.42	ng	98
79) Butylbenzylphthalate	20.44	149	421854	47.77	ng	93
80) Benzo(a)anthracene	21.28	228	835855	46.08	ng	98
81) 3,3'-Dichlorobenzidine	21.22	252	298403	42.51	ng	99
82) Chrysene	21.34	228	776666	45.97	ng	98
83) Bis(2-ethylhexyl)phthalate	21.21	149	599181	47.75	ng	99
84) Di-n-octyl phthalate	22.10	149	996570	47.70	ng	99
85) Indeno(1,2,3-cd)pyrene	25.88	276	929792	45.99	ng	97
87) Benzo(b)fluoranthene	22.88	252	825390	47.64	ng	98
88) Benzo(k)fluoranthene	22.93	252	808535	49.15	ng	99
89) Benzo(a)pyrene	23.46	252	792578	49.81	ng	98
90) Dibenzo(a,h)anthracene	25.89	278	785496	48.09	ng	97
91) Benzo(g,h,i)perylene	26.59	276	752091	48.92	ng	# 95

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

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