

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060415\
 Data File : BG017469.D
 Acq On : 5 Jun 2015 9:26
 Operator : TP/IZ
 Sample : G2474-01MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1MS

Manual Integrations
 APPROVED

apatel
 6/5/2015 5:15:43 PM

Quant Time: Jun 05 15:36:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 01:31:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	20815	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	88791	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	63012	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	143264	20.00	ng	0.00
75) Chrysene-d12	21.23	240	165366	20.00	ng	0.00
86) Perylene-d12	23.47	264	165213	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	167477	141.75	ng	0.01
7) Phenol-d6	6.85	99	230432	143.16	ng	0.02
23) Nitrobenzene-d5	8.79	82	145844	82.00	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	105887	120.99	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	282742	67.69	ng	0.00
78) Terphenyl-d14	19.68	244	488109	61.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.07	88	12334	23.19	ng	# 83
3) Pyridine	3.47	79	33482	23.57	ng	94
4) n-Nitrosodimethylamine	3.40	42	34425	36.98	ng	88
6) Aniline	6.96	93	42978	19.89	ng	98
8) 2-Chlorophenol	7.20	128	55963	40.06	ng	96
9) Benzaldehyde	6.76	77	4026	3.69	ng	96
10) Phenol	6.87	94	74717	45.19	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	45176	35.86	ng	98
12) 1,3-Dichlorobenzene	7.52	146	52071	33.34	ng	94
13) 1,4-Dichlorobenzene	7.66	146	52407	32.02	ng	99
14) 1,2-Dichlorobenzene	7.97	146	53366	34.83	ng	97
15) Benzyl Alcohol	7.88	79	53613	35.78	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.17	45	71709	33.78	ng	98
17) 2-Methylphenol	8.11	107	49835	39.73	ng	95
18) Hexachloroethane	8.70	117	21954	33.62	ng	96
19) n-Nitroso-di-n-propylamine	8.44	70	43636	32.04	ng	# 88
20) 3+4-Methylphenols	8.44	107	69514	40.05	ng	# 61
22) Acetophenone	8.45	105	79323	36.44	ng	# 87
24) Nitrobenzene	8.83	77	68509	37.10	ng	97
25) Isophorone	9.35	82	116105	31.21	ng	96
26) 2-Nitrophenol	9.54	139	30534	35.66	ng	94
27) 2,4-Dimethylphenol	9.63	122	56368	40.48	ng	92
28) bis(2-Chloroethoxy)methane	9.84	93	60126	35.38	ng	99
29) 2,4-Dichlorophenol	10.11	162	63694	46.94	ng	93
30) 1,2,4-Trichlorobenzene	10.28	180	55658	34.88	ng	99
31) Naphthalene	10.47	128	160944	34.69	ng	100
32) Benzoic acid	9.78	122	10334	11.74	ng	# 84
33) 4-Chloroaniline	10.59	127	40707	19.78	ng	96
34) Hexachlorobutadiene	10.75	225	36256	34.91	ng	99
35) Caprolactam	11.36	113	25347m	33.94	ng	
36) 4-Chloro-3-methylphenol	11.77	107	74702	42.31	ng	94
37) 2-Methylnaphthalene	12.09	142	126738	35.54	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	68708	35.83	ng	93
40) Hexachlorocyclopentadiene	12.44	237	35629	35.62	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	52270	38.07	nq	97
43) 2,4,5-Trichlorophenol	12.84	196	59727	39.72	nq	94
45) 1,1'-Biphenyl	13.12	154	158397	34.39	nq	93
46) 2-Chloronaphthalene	13.16	162	130873	33.98	nq	97
47) 2-Nitroaniline	13.38	65	51826	36.44	nq	89
48) Acenaphthylene	14.01	152	222168	32.75	nq	99
49) Dimethylphthalate	13.76	163	210130	38.31	nq	98
50) 2,6-Dinitrotoluene	13.88	165	42528	34.51	nq	96
51) Acenaphthene	14.35	154	130247	32.57	nq	99
52) 3-Nitroaniline	14.21	138	34996	26.22	nq	# 93
53) 2,4-Dinitrophenol	14.42	184	30093	42.52	nq	96
54) Dibenzofuran	14.70	168	196236	33.26	nq	93
55) 4-Nitrophenol	14.61	139	60162	56.73	nq	92
56) 2,4-Dinitrotoluene	14.67	165	60307	34.35	nq	89
57) Fluorene	15.34	166	174717	32.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	50488	36.80	nq	98
59) Diethylphthalate	15.12	149	182385	30.64	nq	99
60) 4-Chlorophenyl-phenylether	15.34	204	94256	34.77	nq	99
61) 4-Nitroaniline	15.38	138	47517	32.33	nq	# 83
62) Azobenzene	15.64	77	184280	32.57	nq	96
64) 4,6-Dinitro-2-methylphenol	15.44	198	35239	33.18	nq	96
65) n-Nitrosodiphenylamine	15.56	169	156631	36.66	nq	97
66) 4-Bromophenyl-phenylether	16.23	248	57846	36.47	nq	99
67) Hexachlorobenzene	16.35	284	61065	35.82	nq	98
68) Atrazine	16.52	200	65664	34.92	nq	92
69) Pentachlorophenol	16.71	266	59996	59.04	nq	98
70) Phenanthrene	17.09	178	291632	36.51	nq	99
71) Anthracene	17.17	178	269753	33.80	nq	97
72) Carbazole	17.46	167	259125	32.89	nq	98
73) Di-n-butylphthalate	18.01	149	329275	32.63	nq	99
74) Fluoranthene	19.11	202	388244	37.17	nq	99
76) Benzidine	19.31	184	26362	4.64	nq	# 96
77) Pyrene	19.47	202	393728	38.65	nq	99
79) Butylbenzylphthalate	20.38	149	149830	33.99	nq	96
80) Benzo(a)anthracene	21.22	228	354460	34.85	nq	98
81) 3,3'-Dichlorobenzidine	21.16	252	74709	19.66	nq	97
82) Chrysene	21.28	228	339048	36.82	nq	98
83) Bis(2-ethylhexyl)phthalate	21.15	149	230755	36.30	nq	97
84) Di-n-octyl phthalate	22.03	149	374617	35.15	nq	100
85) Indeno(1,2,3-cd)pyrene	25.75	276	389320	33.67	nq	98
87) Benzo(b)fluoranthene	22.80	252	368978	35.24	nq	99
88) Benzo(k)fluoranthene	22.84	252	333722m	33.31	nq	
89) Benzo(a)pyrene	23.38	252	345746	36.01	nq	99
90) Dibenzo(a,h)anthracene	25.76	278	324652	32.54	nq	98
91) Benzo(g,h,i)perylene	26.45	276	316290	33.31	nq	98

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

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