

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
 Data File : BG016682.D
 Acq On : 24 Apr 2015 10:56
 Operator : TP/IZ
 Sample : G1938-14MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-77DMS

Manual Integrations
 APPROVED

apatel
 4/24/2015 3:30:24 PM

Quant Time: Apr 24 14:28:11 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	56902	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	244686	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	137206	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	285821	20.00	ng	0.00
75) Chrysene-d12	21.18	240	270072	20.00	ng	0.00
86) Perylene-d12	23.38	264	248148	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	388715	110.85	ng	0.00
7) Phenol-d6	6.80	99	540445	109.86	ng	0.00
23) Nitrobenzene-d5	8.75	82	263197	67.97	ng	-0.01
41) 2,4,6-Tribromophenol	15.74	330	110178	108.24	ng	0.00
44) 2-Fluorobiphenyl	12.87	172	580121	67.93	ng	0.00
78) Terphenyl-d14	19.62	244	681837	58.16	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	45631	30.04	ng	97
3) Pyridine	3.45	79	119854	27.79	ng	99
4) n-Nitrosodimethylamine	3.38	42	40697	31.98	ng	91
6) Aniline	6.93	93	138903	20.59	ng	99
8) 2-Chlorophenol	7.17	128	149349	34.46	ng	97
9) Benzaldehyde	6.74	77	14649	7.29	ng	86
10) Phenol	6.82	94	188193	36.29	ng	99
11) bis(2-Chloroethyl)ether	7.03	93	130972	32.36	ng	99
12) 1,3-Dichlorobenzene	7.48	146	143435	32.00	ng	99
13) 1,4-Dichlorobenzene	7.63	146	143880	31.40	ng	100
14) 1,2-Dichlorobenzene	7.94	146	141083	32.25	ng	99
15) Benzyl Alcohol	7.84	79	104573	33.87	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.14	45	127476	33.65	ng	100
17) 2-Methylphenol	8.06	107	124106	35.80	ng	97
18) Hexachloroethane	8.66	117	51367	31.80	ng	98
19) n-Nitroso-di-n-propylamine	8.40	70	93935	30.63	ng	97
20) 3+4-Methylphenols	8.39	107	166599	34.18	ng	99
22) Acetophenone	8.42	105	189501	35.29	ng	# 99
24) Nitrobenzene	8.79	77	136183	33.49	ng	96
25) Isophorone	9.32	82	259731	32.36	ng	100
26) 2-Nitrophenol	9.51	139	80176	33.98	ng	99
27) 2,4-Dimethylphenol	9.58	122	143551	36.43	ng	99
28) bis(2-Chloroethoxy)methane	9.80	93	164254	33.92	ng	98
29) 2,4-Dichlorophenol	10.05	162	125000	37.32	ng	96
30) 1,2,4-Trichlorobenzene	10.25	180	117838	33.20	ng	98
31) Naphthalene	10.43	128	430742	33.39	ng	99
32) Benzoic acid	9.71	122	15854	14.91	ng	93
33) 4-Chloroaniline	10.55	127	117078	19.70	ng	98
34) Hexachlorobutadiene	10.71	225	51303	32.36	ng	97
35) Caprolactam	11.31	113	60331m	33.41	ng	
36) 4-Chloro-3-methylphenol	11.70	107	137620	35.34	ng	98
37) 2-Methylnaphthalene	12.05	142	310125	33.28	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	110577	33.83	ng	99
40) Hexachlorocyclopentadiene	12.40	237	68962	56.76	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	83855	35.11	nq	99
43) 2,4,5-Trichlorophenol	12.76	196	92050	36.42	nq	98
45) 1,1'-Biphenyl	13.08	154	375900	34.88	nq	99
46) 2-Chloronaphthalene	13.12	162	282002	34.05	nq	99
47) 2-Nitroaniline	13.34	65	78253	34.63	nq	99
48) Acenaphthylene	13.96	152	480433	33.12	nq	100
49) Dimethylphthalate	13.71	163	396042	38.58	nq	99
50) 2,6-Dinitrotoluene	13.84	165	84979	33.74	nq	93
51) Acenaphthene	14.31	154	292971	33.65	nq	98
52) 3-Nitroaniline	14.17	138	74995	24.64	nq	95
53) 2,4-Dinitrophenol	14.38	184	47491	38.99	nq	97
54) Dibenzofuran	14.65	168	427608	34.82	nq	99
55) 4-Nitrophenol	14.51	139	163472	71.66	nq	93
56) 2,4-Dinitrotoluene	14.63	165	116867	33.88	nq	98
57) Fluorene	15.30	166	362625	33.78	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.89	232	67655	35.38	nq	98
59) Diethylphthalate	15.08	149	356109	33.29	nq	100
60) 4-Chlorophenyl-phenylether	15.29	204	149312	33.30	nq	98
61) 4-Nitroaniline	15.33	138	108152	32.12	nq	99
62) Azobenzene	15.59	77	344018	35.21	nq	99
64) 4,6-Dinitro-2-methylphenol	15.39	198	53253	27.53	nq	99
65) n-Nitrosodiphenylamine	15.52	169	325140	33.18	nq	99
66) 4-Bromophenyl-phenylether	16.19	248	77751	32.55	nq	96
67) Hexachlorobenzene	16.30	284	80155	32.63	nq	97
68) Atrazine	16.47	200	100249	38.11	nq	100
69) Pentachlorophenol	16.66	266	79420	66.59	nq	99
70) Phenanthrene	17.03	178	557106	33.93	nq	99
71) Anthracene	17.13	178	547282	33.51	nq	100
72) Carbazole	17.40	167	577779	35.31	nq	99
73) Di-n-butylphthalate	17.96	149	667556	34.23	nq	100
74) Fluoranthene	19.05	202	597654	34.35	nq	100
76) Benzidine	19.25	184	275543	29.96	nq	99
77) Pyrene	19.42	202	625581	32.97	nq	99
79) Butylbenzylphthalate	20.32	149	320422	34.33	nq	100
80) Benzo(a)anthracene	21.16	228	541509	33.07	nq	98
81) 3,3'-Dichlorobenzidine	21.10	252	136219	25.52	nq	97
82) Chrysene	21.21	228	508329	32.38	nq	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	450022	35.44	nq	99
84) Di-n-octyl phthalate	21.96	149	738804	34.93	nq	100
85) Indeno(1,2,3-cd)pyrene	25.62	276	543706	31.77	nq	99
87) Benzo(b)fluoranthene	22.72	252	511143	33.91	nq	99
88) Benzo(k)fluoranthene	22.77	252	478136	32.50	nq	98
89) Benzo(a)pyrene	23.29	252	485703	34.20	nq	98
90) Dibenzo(a,h)anthracene	25.63	278	449842	32.57	nq	99
91) Benzo(g,h,i)perylene	26.31	276	455164	32.39	nq	100

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

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