

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032793.D
 Acq On : 23 Feb 2018 17:03
 Operator : SJ/JU
 Sample : J1398-06MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Quant Time: Feb 23 17:56:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 17:04:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	66869	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	299210	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	179636	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	421028	20.00	ng	0.00
75) Chrysene-d12	22.63	240	403516	20.00	ng	0.00
86) Perylene-d12	26.44	264	442052	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	580843	138.97	ng	0.00
7) Phenol-d6	8.02	99	735863	126.31	ng	0.00
23) Nitrobenzene-d5	10.13	82	463611	104.90	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	304003	160.95	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1050519	84.34	ng	0.00
78) Terphenyl-d14	20.79	244	1648415	91.78	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.97	88	65034	35.85	ng	88
3) Pyridine	4.44	79	150932	30.19	ng	92
4) n-Nitrosodimethylamine	4.33	42	92129	45.96	ng	# 90
6) Aniline	8.22	93	136288	17.28	ng	95
8) 2-Chlorophenol	8.47	128	214905	46.97	ng	93
9) Benzaldehyde	8.02	77	123433	36.76	ng	90
10) Phenol	8.05	94	246176	41.92	ng	90
11) bis(2-Chloroethyl)ether	8.31	93	201956	42.05	ng	92
12) 1,3-Dichlorobenzene	8.81	146	202239	37.74	ng	97
13) 1,4-Dichlorobenzene	8.96	146	204182	37.86	ng	95
14) 1,2-Dichlorobenzene	9.30	146	198066	38.32	ng	99
15) Benzyl Alcohol	9.16	79	190265	44.42	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.46	45	318879	38.63	ng	95
17) 2-Methylphenol	9.36	107	186178	42.99	ng	96
18) Hexachloroethane	10.05	117	71468	38.92	ng	# 85
19) n-Nitroso-di-n-propylamine	9.74	70	166334	40.44	ng	# 96
20) 3+4-Methylphenols	9.68	107	254782	42.31	ng	92
22) Acetophenone	9.77	105	313252	41.45	ng	# 94
24) Nitrobenzene	10.17	77	223574	47.01	ng	# 88
25) Isophorone	10.69	82	469219	44.68	ng	# 93
26) 2-Nitrophenol	10.89	139	104897	57.93	ng	90
27) 2,4-Dimethylphenol	10.92	122	236864	51.92	ng	91
28) bis(2-Chloroethoxy)methane	11.17	93	278725	45.56	ng	96
29) 2,4-Dichlorophenol	11.44	162	203618	49.18	ng	93
30) 1,2,4-Trichlorobenzene	11.66	180	191738	39.50	ng	97
31) Naphthalene	11.86	128	670550	42.89	ng	99
32) Benzoic acid	11.04	122	128869	46.16	ng	# 82
33) 4-Chloroaniline	11.95	127	101606	14.53	ng	96
34) Hexachlorobutadiene	12.13	225	100169	36.79	ng	98
35) Caprolactam	12.69	113	72863	43.95	ng	87
36) 4-Chloro-3-methylphenol	13.01	107	247916	51.45	ng	92
37) 2-Methylnaphthalene	13.41	142	489429	43.27	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	201680	37.82	ng	# 97
40) Hexachlorocyclopentadiene	13.74	237	213068	78.40	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	160945	47.86	nq	96
43) 2,4,5-Trichlorophenol	14.06	196	178094	45.76	nq #	97
45) 1,1'-Biphenyl	14.38	154	620544	39.53	nq	94
46) 2-Chloronaphthalene	14.44	162	470557	40.13	nq	96
47) 2-Nitroaniline	14.62	65	161669	53.30	nq #	86
48) Acenaphthylene	15.27	152	793800	41.35	nq	98
49) Dimethylphthalate	14.97	163	647545	42.45	nq	99
50) 2,6-Dinitrotoluene	15.09	165	138641	53.63	nq	88
51) Acenaphthene	15.61	154	541300	45.27	nq	98
52) 3-Nitroaniline	15.42	138	87026	31.03	nq #	83
53) 2,4-Dinitrophenol	15.62	184	113120	119.46	nq #	17
54) Dibenzofuran	15.93	168	747264	43.89	nq	95
55) 4-Nitrophenol	15.69	139	249724	98.21	nq #	78
56) 2,4-Dinitrotoluene	15.87	165	193145	60.85	nq	85
57) Fluorene	16.58	166	613307	43.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	159764m	52.87	nq	
59) Diethylphthalate	16.31	149	699600	43.49	nq	99
60) 4-Chlorophenyl-phenylether	16.55	204	300658	43.74	nq	93
61) 4-Nitroaniline	16.58	138	153067	46.54	nq	82
62) Azobenzene	16.85	77	634008	44.05	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	78537	58.72	nq	98
65) n-Nitrosodiphenylamine	16.76	169	574168	41.92	nq	99
66) 4-Bromophenyl-phenylether	17.44	248	184518	41.45	nq #	88
67) Hexachlorobenzene	17.57	284	193911	40.31	nq #	94
68) Atrazine	17.68	200	200902	44.56	nq	96
69) Pentachlorophenol	17.90	266	264533	87.29	nq	99
70) Phenanthrene	18.31	178	995749	42.39	nq	97
71) Anthracene	18.40	178	1015302	43.05	nq	97
72) Carbazole	18.65	167	972973	41.86	nq	97
73) Di-n-butylphthalate	19.16	149	1196153	41.95	nq	98
74) Fluoranthene	20.26	202	1124499	43.34	nq	93
76) Benzidine	20.41	184	114015	8.29	nq	98
77) Pyrene	20.62	202	1133829	39.84	nq	96
79) Butylbenzylphthalate	21.49	149	570485	45.22	nq	92
80) Benzo(a)anthracene	22.61	228	1098328	42.45	nq	99
81) 3,3'-Dichlorobenzidine	22.48	252	215806	22.52	nq #	98
82) Chrysene	22.68	228	1033831	41.83	nq	97
83) Bis(2-ethylhexyl)phthalate	22.46	149	811065	43.43	nq	98
84) Di-n-octyl phthalate	23.88	149	1409066	49.50	nq	98
85) Indeno(1,2,3-cd)pyrene	30.89	276	1305589	45.29	nq	96
87) Benzo(b)fluoranthene	25.22	252	1127538	43.14	nq #	97
88) Benzo(k)fluoranthene	25.30	252	1095424	42.17	nq #	95
89) Benzo(a)pyrene	26.26	252	1092309	43.94	nq #	96
90) Dibenzo(a,h)anthracene	30.97	278	1106607	44.22	nq #	93
91) Benzo(g,h,i)perylene	32.28	276	1085788	44.02	nq #	92

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

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