

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
 Data File : BG039449.D
 Acq On : 12 Feb 2019 00:43
 Operator : JU/SJ
 Sample : PB116987BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116997BL

Quant Time: Feb 12 04:24:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51947	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	245209	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	173699	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	408962	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	402923	20.00	ng	-0.02
87) Perylene-d12	25.21	264	414995	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	295611	97.40	ng	0.00
7) Phenol-d6	7.31	99	421613	94.37	ng	-0.01
23) Nitrobenzene-d5	9.35	82	236048	60.14	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	165137	88.29	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	628308	51.89	ng	-0.02
79) Terphenyl-d14	20.13	244	968394	50.87	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	29669	22.347	ng	94
3) Pyridine	4.00	79	82004	23.329	ng	94
4) n-Nitrosodimethylamine	3.92	42	44201	25.144	ng	81
6) Aniline	7.50	93	57221	10.225	ng	99
8) 2-Chlorophenol	7.73	128	106981	32.245	ng	94
9) Benzaldehyde	7.31	77	43772	16.090	ng	97
10) Phenol	7.34	94	147002	31.564	ng	94
11) bis(2-Chloroethyl)ether	7.58	93	97645	26.534	ng	99
12) 1,3-Dichlorobenzene	8.06	146	100845	25.091	ng	94
13) 1,4-Dichlorobenzene	8.21	146	105261	26.276	ng	99
14) 1,2-Dichlorobenzene	8.52	146	101796	26.249	ng	98
15) Benzyl Alcohol	8.41	79	99510	28.371	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	185601	22.333	ng	98
17) 2-Methylphenol	8.60	107	95115	31.560	ng	93
18) Hexachloroethane	9.26	117	35172	25.520	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	81175	25.599	ng	94
20) 3+4-Methylphenols	8.92	107	130468	31.437	ng	97
22) Acetophenone	9.00	105	156952	23.829	ng	# 94
24) Nitrobenzene	9.39	77	122714	28.939	ng	98
25) Isophorone	9.90	82	236808	27.225	ng	98
26) 2-Nitrophenol	10.10	139	56884	37.342	ng	98
27) 2,4-Dimethylphenol	10.14	122	113833	32.352	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	146467	27.339	ng	98
29) 2,4-Dichlorophenol	10.63	162	119429	31.056	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	114795	26.589	ng	100
31) Naphthalene	11.04	128	329854	27.116	ng	99
32) Benzoic acid	10.22	122	23399	17.268	ng	93
33) 4-Chloroaniline	11.15	127	52204	9.255	ng	97
34) Hexachlorobutadiene	11.31	225	70735	24.636	ng	91
35) Caprolactam	11.92	113	41848	26.298	ng	# 85
36) 4-Chloro-3-methylphenol	12.25	107	131926	29.664	ng	97
37) 2-Methylnaphthalene	12.64	142	261495	29.023	ng	96
38) 1-Methylnaphthalene	12.85	142	249923	28.776	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	142967	25.869	ng	99
41) Hexachlorocyclopentadiene	12.96	237	179116	59.477	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	102921	30.288	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.30	196	110882	31.134	ng	98
46) 1,1'-Biphenyl	13.63	154	358912	24.834	ng	99
47) 2-Chloronaphthalene	13.68	162	279613	25.718	ng	97
48) 2-Nitroaniline	13.88	65	91663	32.573	ng	98
49) Acenaphthylene	14.52	152	451281	27.509	ng	99
50) Dimethylphthalate	14.24	163	377920	26.939	ng	100
51) 2,6-Dinitrotoluene	14.37	165	84425	34.359	ng	95
52) Acenaphthene	14.86	154	280798	26.369	ng	99
53) 3-Nitroaniline	14.70	138	43334	19.262	ng	# 91
54) 2,4-Dinitrophenol	14.90	184	15273	21.335	ng	93
55) Dibenzofuran	15.19	168	451899	26.468	ng	98
56) 4-Nitrophenol	14.99	139	131568	53.907	ng	87
57) 2,4-Dinitrotoluene	15.15	165	112324	35.818	ng	# 84
58) Fluorene	15.84	166	358384	28.158	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	110733	33.207	ng	95
60) Diethylphthalate	15.59	149	374789	25.839	ng	99
61) 4-Chlorophenyl-phenylether	15.83	204	190282	26.403	ng	96
62) 4-Nitroaniline	15.86	138	81087	29.353	ng	95
63) Azobenzene	16.12	77	338664	23.889	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	21068	18.922	ng	94
66) n-Nitrosodiphenylamine	16.04	169	325541	26.179	ng	96
67) 4-Bromophenyl-phenylether	16.72	248	123168	27.148	ng	94
68) Hexachlorobenzene	16.83	284	125224	27.510	ng	96
69) Atrazine	16.98	200	122551	26.968	ng	96
70) Pentachlorophenol	17.18	266	111016	35.091	ng	98
71) Phenanthrene	17.58	178	583318	27.558	ng	99
72) Anthracene	17.67	178	590634	28.329	ng	99
73) Carbazole	17.94	167	504430	24.243	ng	97
74) Di-n-butylphthalate	18.47	149	598738	24.665	ng	99
75) Fluoranthene	19.58	202	679044	27.640	ng	99
77) Benzidine	19.76	184	148670	11.254	ng	98
78) Pyrene	19.94	202	678449	27.048	ng	99
80) Butylbenzylphthalate	20.81	149	274182	25.913	ng	92
81) Benzo(a)anthracene	21.81	228	665669	27.959	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	106216	12.032	ng	98
83) Chrysene	21.88	228	615469	27.156	ng	97
84) Bis(2-ethylhexyl)phthalate	21.68	149	384135	25.447	ng	99
85) Di-n-octyl phthalate	22.95	149	663218	26.594	ng	95
86) Indeno(1,2,3-cd)pyrene	29.10	276	735675	30.254	ng	99
88) Benzo(b)fluoranthene	24.13	252	645925	28.540	ng	98
89) Benzo(k)fluoranthene	24.20	252	627470	27.615	ng	98
90) Benzo(a)pyrene	25.05	252	624913	28.671	ng	99
91) Dibenzo(a,h)anthracene	29.17	278	596902	29.242	ng	98
92) Benzo(g,h,i)perylene	30.32	276	610796	30.021	ng	97

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

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