

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG03118.D
 Acq On : 13 Mar 2018 13:59
 Operator : SJ/JU
 Sample : PB107235BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107235BS

Quant Time: Mar 13 15:29:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	39454	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	185631	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	106225	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	246889	20.00	ng	0.00
75) Chrysene-d12	22.60	240	254581	20.00	ng	0.00
86) Perylene-d12	26.40	264	275625	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	278405	112.89	ng	0.00
7) Phenol-d6	8.01	99	369757	107.57	ng	0.00
23) Nitrobenzene-d5	10.11	82	222788	83.49	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	132070	118.24	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	482523	65.51	ng	0.00
78) Terphenyl-d14	20.76	244	736037	64.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	32256	30.138	ng	95
3) Pyridine	4.42	79	90837	30.793	ng	87
4) n-Nitrosodimethylamine	4.32	42	52876	44.708	ng	# 82
6) Aniline	8.20	93	56984	12.247	ng	95
8) 2-Chlorophenol	8.45	128	100217	37.127	ng	98
9) Benzaldehyde	8.01	77	49591	25.032	ng	90
10) Phenol	8.03	94	129277	37.308	ng	98
11) bis(2-Chloroethyl)ether	8.29	93	90462	31.927	ng	96
12) 1,3-Dichlorobenzene	8.79	146	102309	32.360	ng	99
13) 1,4-Dichlorobenzene	8.95	146	103539	32.535	ng	95
14) 1,2-Dichlorobenzene	9.28	146	98764	32.386	ng	99
15) Benzyl Alcohol	9.14	79	89690	35.492	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.44	45	183769	37.728	ng	99
17) 2-Methylphenol	9.34	107	87071	34.076	ng	99
18) Hexachloroethane	10.04	117	37861	34.942	ng	# 86
19) n-Nitroso-di-n-propylamine	9.71	70	76822	31.657	ng	# 89
20) 3+4-Methylphenols	9.67	107	118218	33.275	ng	95
22) Acetophenone	9.75	105	143288	30.564	ng	# 99
24) Nitrobenzene	10.15	77	110713	38.808	ng	96
25) Isophorone	10.67	82	203636	31.254	ng	95
26) 2-Nitrophenol	10.88	139	50708	48.446	ng	98
27) 2,4-Dimethylphenol	10.91	122	103834	36.685	ng	92
28) bis(2-Chloroethoxy)methane	11.15	93	123222	32.464	ng	99
29) 2,4-Dichlorophenol	11.42	162	91424	35.589	ng	96
30) 1,2,4-Trichlorobenzene	11.65	180	92832	30.828	ng	96
31) Naphthalene	11.85	128	305959	31.542	ng	99
32) Benzoic acid	11.00	122	48641	32.812	ng	# 86
33) 4-Chloroaniline	11.94	127	50746	11.700	ng	96
34) Hexachlorobutadiene	12.11	225	54688	32.378	ng	99
35) Caprolactam	12.67	113	33546	32.613	ng	90
36) 4-Chloro-3-methylphenol	12.99	107	107940	36.107	ng	96
37) 2-Methylnaphthalene	13.39	142	221472	31.559	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	98804	31.333	ng	# 96
40) Hexachlorocyclopentadiene	13.72	237	123530	76.868	ng	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.97	196	69536	34.967	nq	97
43) 2,4,5-Trichlorophenol	14.04	196	78788	34.232	nq	# 95
45) 1,1'-Biphenyl	14.36	154	274260	29.546	nq	96
46) 2-Chloronaphthalene	14.42	162	209628	30.232	nq	96
47) 2-Nitroaniline	14.60	65	74405	43.666	nq	94
48) Acenaphthylene	15.25	152	344514	30.347	nq	99
49) Dimethylphthalate	14.94	163	268568	29.776	nq	99
50) 2,6-Dinitrotoluene	15.08	165	59772	41.514	nq	93
51) Acenaphthene	15.59	154	230518	32.605	nq	99
52) 3-Nitroaniline	15.41	138	35566	23.774	nq	# 88
53) 2,4-Dinitrophenol	15.61	184	42672	87.390	nq	# 82
54) Dibenzofuran	15.91	168	322019	31.988	nq	94
55) 4-Nitrophenol	15.68	139	90663	63.031	nq	93
56) 2,4-Dinitrotoluene	15.85	165	83771	48.312	nq	87
57) Fluorene	16.56	166	256998	30.930	nq	100
58) 2,3,4,6-Tetrachlorophenol	16.12	232	68264	38.202	nq	# 89
59) Diethylphthalate	16.28	149	286836	30.151	nq	97
60) 4-Chlorophenyl-phenylether	16.53	204	129418	31.840	nq	91
61) 4-Nitroaniline	16.56	138	58847	32.110	nq	91
62) Azobenzene	16.82	77	268032	31.494	nq	95
64) 4,6-Dinitro-2-methylphenol	16.61	198	35102	48.626	nq	98
65) n-Nitrosodiphenylamine	16.74	169	235395	29.308	nq	100
66) 4-Bromophenyl-phenylether	17.42	248	80252	30.741	nq	# 90
67) Hexachlorobenzene	17.55	284	84312	29.886	nq	# 91
68) Atrazine	17.66	200	83839	31.712	nq	97
69) Pentachlorophenol	17.89	266	105459	59.347	nq	96
70) Phenanthrene	18.29	178	418705	30.398	nq	99
71) Anthracene	18.39	178	425290	30.755	nq	99
72) Carbazole	18.64	167	396964	29.124	nq	98
73) Di-n-butylphthalate	19.13	149	497012	29.723	nq	100
74) Fluoranthene	20.25	202	484189	31.823	nq	97
76) Benzidine	20.40	184	105623	12.172	nq	98
77) Pyrene	20.60	202	488459	27.207	nq	99
79) Butylbenzylphthalate	21.46	149	238772	29.997	nq	91
80) Benzo(a)anthracene	22.58	228	479748	29.387	nq	98
81) 3,3'-Dichlorobenzidine	22.47	252	71146	11.767	nq	99
82) Chrysene	22.66	228	455217	29.191	nq	98
83) Bis(2-ethylhexyl)phthalate	22.40	149	343237	29.131	nq	95
84) Di-n-octyl phthalate	23.81	149	589149	32.805	nq	99
85) Indeno(1,2,3-cd)pyrene	30.80	276	497969	27.381	nq	# 95
87) Benzo(b)fluoranthene	25.18	252	481928	29.572	nq	97
88) Benzo(k)fluoranthene	25.26	252	478974	29.573	nq	# 97
89) Benzo(a)pyrene	26.22	252	466093	30.069	nq	# 95
90) Dibenzo(a,h)anthracene	30.87	278	422538	27.082	nq	98
91) Benzo(g,h,i)perylene	32.20	276	428014	27.829	nq	96

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

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