

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031522.D
 Acq On : 13 Dec 2017 11:35
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 13 14:54:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	72669	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	330045	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	224334	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	548608	20.00	ng	0.00
75) Chrysene-d12	21.75	240	576615	20.00	ng	0.00
86) Perylene-d12	25.04	264	584773	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	321786	78.49	ng	0.00
7) Phenol-d6	7.28	99	439440	77.21	ng	0.00
23) Nitrobenzene-d5	9.27	82	406923	75.99	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	219960	83.69	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1169270	76.51	ng	0.00
78) Terphenyl-d14	20.07	244	1844268	72.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	68238	34.884	ng	# 79
3) Pyridine	3.93	79	195086	37.878	ng	89
4) n-Nitrosodimethylamine	3.84	42	84242	34.726	ng	# 89
6) Aniline	7.43	93	283400	37.811	ng	93
8) 2-Chlorophenol	7.68	128	178980	39.138	ng	87
9) Benzaldehyde	7.24	77	120318	36.471	ng	90
10) Phenol	7.31	94	227886	38.977	ng	89
11) bis(2-Chloroethyl)ether	7.52	93	186656	39.115	ng	86
12) 1,3-Dichlorobenzene	7.99	146	206965	38.057	ng	96
13) 1,4-Dichlorobenzene	8.15	146	209763	37.113	ng	94
14) 1,2-Dichlorobenzene	8.46	146	202576	37.626	ng	98
15) Benzyl Alcohol	8.35	79	162122	36.414	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	183256	34.183	ng	89
17) 2-Methylphenol	8.56	107	156067	39.159	ng	98
18) Hexachloroethane	9.19	117	72168	37.880	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	160187	35.759	ng	# 94
20) 3+4-Methylphenols	8.89	107	222450	37.468	ng	95
22) Acetophenone	8.93	105	311308	39.318	ng	# 94
24) Nitrobenzene	9.32	77	206493	37.633	ng	91
25) Isophorone	9.84	82	398295	39.359	ng	# 92
26) 2-Nitrophenol	10.03	139	114231	42.101	ng	# 89
27) 2,4-Dimethylphenol	10.09	122	168447	40.869	ng	89
28) bis(2-Chloroethoxy)methane	10.31	93	262428	40.168	ng	96
29) 2,4-Dichlorophenol	10.58	162	203895	41.988	ng	92
30) 1,2,4-Trichlorobenzene	10.78	180	241330	38.906	ng	99
31) Naphthalene	10.97	128	607327	37.457	ng	99
32) Benzoic acid	10.26	122	88272	39.606	ng	# 78
33) 4-Chloroaniline	11.08	127	276434	39.265	ng	# 94
34) Hexachlorobutadiene	11.25	225	159854	38.852	ng	98
35) Caprolactam	11.86	113	73202	38.390	ng	# 73
36) 4-Chloro-3-methylphenol	12.21	107	212666	38.367	ng	87
37) 2-Methylnaphthalene	12.57	142	475861	37.905	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	340108	38.792	ng	# 97
40) Hexachlorocyclopentadiene	12.91	237	75633	36.697	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	188983	42.189	nq	99
43) 2,4,5-Trichlorophenol	13.26	196	201105	41.678	nq #	93
45) 1,1'-Biphenyl	13.56	154	703212	38.165	nq	96
46) 2-Chloronaphthalene	13.62	162	514427	38.146	nq	96
47) 2-Nitroaniline	13.82	65	138111	36.445	nq #	80
48) Acenaphthylene	14.46	152	823136	37.933	nq	98
49) Dimethylphthalate	14.18	163	709722	38.214	nq	98
50) 2,6-Dinitrotoluene	14.31	165	152368	38.382	nq #	73
51) Acenaphthene	14.80	154	518090	37.759	nq	99
52) 3-Nitroaniline	14.65	138	155188	38.349	nq #	77
53) 2,4-Dinitrophenol	14.87	184	53062	37.457	nq #	44
54) Dibenzofuran	15.13	168	807845	36.896	nq	99
55) 4-Nitrophenol	14.97	139	94001	36.398	nq #	76
56) 2,4-Dinitrotoluene	15.10	165	215320	38.188	nq #	73
57) Fluorene	15.78	166	653317	37.239	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	185765	40.958	nq #	88
59) Diethylphthalate	15.53	149	697480	37.466	nq	98
60) 4-Chlorophenyl-phenylether	15.76	204	395551	36.852	nq	91
61) 4-Nitroaniline	15.81	138	158534	37.331	nq	86
62) Azobenzene	16.06	77	537551	34.857	nq	94
64) 4,6-Dinitro-2-methylphenol	15.87	198	129135	39.821	nq	77
65) n-Nitrosodiphenylamine	15.98	169	627585	39.083	nq	97
66) 4-Bromophenyl-phenylether	16.65	248	250965	39.340	nq	96
67) Hexachlorobenzene	16.78	284	259725	39.427	nq	97
68) Atrazine	16.92	200	235645	40.134	nq	99
69) Pentachlorophenol	17.14	266	103928	36.160	nq	98
70) Phenanthrene	17.52	178	1060640	37.019	nq	98
71) Anthracene	17.61	178	1063673	37.537	nq	99
72) Carbazole	17.88	167	984514	38.392	nq	99
73) Di-n-butylphthalate	18.42	149	1153105	38.939	nq	100
74) Fluoranthene	19.52	202	1324459	36.937	nq	97
76) Benzidine	19.70	184	542993	40.465	nq	98
77) Pyrene	19.89	202	1346994	37.596	nq	96
79) Butylbenzylphthalate	20.75	149	529155	42.100	nq #	83
80) Benzo(a)anthracene	21.73	228	1332593	38.289	nq	99
81) 3,3'-Dichlorobenzidine	21.64	252	513150	42.364	nq	96
82) Chrysene	21.80	228	1251983	37.524	nq	96
83) Bis(2-ethylhexyl)phthalate	21.61	149	739388	40.888	nq	99
84) Di-n-octyl phthalate	22.84	149	1248686	41.862	nq #	94
85) Indeno(1,2,3-cd)pyrene	28.83	276	1468002	41.170	nq	98
87) Benzo(b)fluoranthene	24.00	252	1334975	38.185	nq	99
88) Benzo(k)fluoranthene	24.07	252	1334202	37.396	nq	98
89) Benzo(a)pyrene	24.90	252	1261387	38.034	nq	99
90) Dibenzo(a,h)anthracene	28.89	278	1240615	39.118	nq	98
91) Benzo(g,h,i)perylene	30.03	276	1210322	38.818	nq	98

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

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