

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033127.D
 Acq On : 13 Mar 2018 20:13
 Operator : SJ/JU
 Sample : PB107310BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107310BS

Quant Time: Mar 13 23:19:47 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	45271	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	197933	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	108767	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	235083	20.00	ng	0.00
75) Chrysene-d12	22.62	240	238845	20.00	ng	0.01
86) Perylene-d12	26.42	264	259674	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	264151	93.35	ng	0.02
7) Phenol-d6	8.03	99	341443	86.57	ng	0.02
23) Nitrobenzene-d5	10.12	82	308722	105.53	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	101503	88.75	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	649535	86.13	ng	0.00
78) Terphenyl-d14	20.78	244	881446	82.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	37336	30.402	ng	94
3) Pyridine	4.43	79	104308	30.816	ng	88
4) n-Nitrosodimethylamine	4.33	42	67140	49.474	ng	# 70
6) Aniline	8.21	93	64311	12.046	ng	97
8) 2-Chlorophenol	8.47	128	133517	43.108	ng	95
9) Benzaldehyde	8.02	77	57894	25.468	ng	92
10) Phenol	8.06	94	166138	41.785	ng	98
11) bis(2-Chloroethyl)ether	8.29	93	115597	35.556	ng	100
12) 1,3-Dichlorobenzene	8.80	146	131285	36.190	ng	98
13) 1,4-Dichlorobenzene	8.95	146	134795	36.914	ng	97
14) 1,2-Dichlorobenzene	9.29	146	126565	36.170	ng	94
15) Benzyl Alcohol	9.16	79	119836	41.328	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.44	45	232541	41.607	ng	98
17) 2-Methylphenol	9.36	107	112605	38.407	ng	91
18) Hexachloroethane	10.04	117	50316	40.470	ng	# 85
19) n-Nitroso-di-n-propylamine	9.73	70	99014	35.559	ng	# 92
20) 3+4-Methylphenols	9.69	107	153214	37.584	ng	93
22) Acetophenone	9.76	105	184579	36.925	ng	# 97
24) Nitrobenzene	10.16	77	143103	45.690	ng	93
25) Isophorone	10.69	82	266600	38.374	ng	96
26) 2-Nitrophenol	10.89	139	70330	58.483	ng	94
27) 2,4-Dimethylphenol	10.92	122	133741	44.314	ng	93
28) bis(2-Chloroethoxy)methane	11.16	93	156415	38.647	ng	95
29) 2,4-Dichlorophenol	11.44	162	123624	45.133	ng	93
30) 1,2,4-Trichlorobenzene	11.65	180	121448	37.825	ng	97
31) Naphthalene	11.85	128	388860	37.597	ng	99
32) Benzoic acid	10.92	122	133741	62.703	ng	# 7
33) 4-Chloroaniline	11.95	127	66674	14.417	ng	99
34) Hexachlorobutadiene	12.12	225	72218	40.099	ng	96
35) Caprolactam	12.71	113	44975	41.006	ng	93
36) 4-Chloro-3-methylphenol	13.02	107	140078	43.945	ng	94
37) 2-Methylnaphthalene	13.40	142	279177	37.309	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	128750	39.876	ng	# 98
40) Hexachlorocyclopentadiene	13.73	237	107270	65.190	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	88557	43.492	nq	98
43) 2,4,5-Trichlorophenol	14.06	196	98454	41.777	nq	# 95
45) 1,1'-Biphenyl	14.37	154	342721	36.059	nq	96
46) 2-Chloronaphthalene	14.43	162	266045	37.472	nq	97
47) 2-Nitroaniline	14.61	65	98513	53.580	nq	96
48) Acenaphthylene	15.27	152	423469	36.431	nq	99
49) Dimethylphthalate	14.96	163	333423	36.103	nq	100
50) 2,6-Dinitrotoluene	15.09	165	72311	47.434	nq	97
51) Acenaphthene	15.59	154	255326	35.270	nq	96
52) 3-Nitroaniline	15.42	138	55785	32.407	nq	# 88
53) 2,4-Dinitrophenol	15.64	184	400	4.568	nq	# 87
54) Dibenzofuran	15.92	168	397513	38.564	nq	91
55) 4-Nitrophenol	15.71	139	84579	58.056	nq	92
56) 2,4-Dinitrotoluene	15.86	165	102586	55.196	nq	92
57) Fluorene	16.56	166	317694	37.342	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	46109	25.200	nq	# 89
59) Diethylphthalate	16.29	149	359122	36.868	nq	97
60) 4-Chlorophenyl-phenylether	16.54	204	163598	39.308	nq	91
61) 4-Nitroaniline	16.58	138	76763	39.455	nq	95
62) Azobenzene	16.83	77	332449	38.150	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	3980	11.786	nq	90
65) n-Nitrosodiphenylamine	16.75	169	290939	38.043	nq	99
66) 4-Bromophenyl-phenylether	17.43	248	97774	39.334	nq	# 87
67) Hexachlorobenzene	17.56	284	106614	39.689	nq	95
68) Atrazine	17.67	200	106459	42.291	nq	97
69) Pentachlorophenol	17.90	266	16504	9.754	nq	97
70) Phenanthrene	18.30	178	499649	38.097	nq	99
71) Anthracene	18.39	178	515220	39.129	nq	99
72) Carbazole	18.65	167	470914	36.285	nq	# 97
73) Di-n-butylphthalate	19.14	149	592757	37.229	nq	98
74) Fluoranthene	20.25	202	546077	37.693	nq	95
76) Benzidine	20.41	184	71192	8.744	nq	# 91
77) Pyrene	20.61	202	574678	34.119	nq	98
79) Butylbenzylphthalate	21.47	149	282574	37.839	nq	93
80) Benzo(a)anthracene	22.60	228	561557	36.665	nq	99
81) 3,3'-Dichlorobenzidine	22.48	252	87031	15.343	nq	# 66
82) Chrysene	22.67	228	536433	36.665	nq	98
83) Bis(2-ethylhexyl)phthalate	22.41	149	387238	35.031	nq	99
84) Di-n-octyl phthalate	23.82	149	697773	41.413	nq	# 99
85) Indeno(1,2,3-cd)pyrene	30.84	276	626583	36.722	nq	95
87) Benzo(b)fluoranthene	25.19	252	575611	37.490	nq	# 92
88) Benzo(k)fluoranthene	25.28	252	574564	37.654	nq	# 92
89) Benzo(a)pyrene	26.24	252	551672	37.777	nq	# 90
90) Dibenzo(a,h)anthracene	30.93	278	522658	35.556	nq	# 95
91) Benzo(g,h,i)perylene	32.24	276	539616	37.240	nq	# 95

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

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