

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080116\
 Data File : BG023388.D
 Acq On : 1 Aug 2016 17:57
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

sohil
 8/2/2016 5:10:41 PM

Quant Time: Aug 01 19:13:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:40:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	146681	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	747869	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	522833	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1293998	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1015172	20.00	ng	0.00
86) Perylene-d12	25.24	264	1049009	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1348891	156.99	ng	0.00
7) Phenol-d6	7.28	99	2136741	161.98	ng	0.00
23) Nitrobenzene-d5	9.31	82	2220930	145.22	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	1215130	224.55	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	273907	74.33	ng	# 92
3) Pyridine	3.93	79	1026317	79.58	ng	95
4) n-Nitrosodimethylamine	3.85	42	372877	63.99	ng	# 63
6) Aniline	7.44	93	1590921	90.29	ng	97
8) 2-Chlorophenol	7.68	128	795023	82.93	ng	99
10) Phenol	7.31	94	1169544	84.02	ng	84
11) bis(2-Chloroethyl)ether	7.54	93	919364	77.71	ng	92
12) 1,3-Dichlorobenzene	8.01	146	892711	82.63	ng	91
13) 1,4-Dichlorobenzene	8.16	146	906787	82.27	ng	97
14) 1,2-Dichlorobenzene	8.48	146	877651	82.55	ng	96
15) Benzyl Alcohol	8.37	79	907753	102.25	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	1348086	71.61	ng	90
17) 2-Methylphenol	8.57	107	797399	83.82	ng	# 86
18) Hexachloroethane	9.22	117	347461	75.67	ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	966560	81.46	ng	100
20) 3+4-Methylphenols	8.91	107	1161430	89.79	ng	91
22) Acetophenone	8.96	105	1522004	77.95	ng	# 93
24) Nitrobenzene	9.35	77	1261132	71.01	ng	# 87
25) Isophorone	9.87	82	2362250	74.78	ng	# 93
26) 2-Nitrophenol	10.06	139	569308	84.87	ng	# 77
27) 2,4-Dimethylphenol	10.12	122	929842	82.24	ng	86
28) bis(2-Chloroethoxy)methane	10.35	93	1379331	77.83	ng	97
29) 2,4-Dichlorophenol	10.60	162	959736	87.68	ng	98
30) 1,2,4-Trichlorobenzene	10.82	180	982914	81.26	ng	97
31) Naphthalene	11.01	128	2668705	76.80	ng	# 93
32) Benzoic acid	10.32	122	936687	116.77	ng	90
33) 4-Chloroaniline	11.12	127	1404512	87.49	ng	95
34) Hexachlorobutadiene	11.29	225	647718	81.70	ng	96
35) Caprolactam	11.93	113	421105m	90.47	ng	
36) 4-Chloro-3-methylphenol	12.24	107	1218504	84.73	ng	91
37) 2-Methylnaphthalene	12.61	142	2092712	81.22	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	1419104	83.84	ng	98
40) Hexachlorocyclopentadiene	12.95	237	764943	95.37	ng	97
42) 2,4,6-Trichlorophenol	13.22	196	886610	89.18	ng	99

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43) 2,4,5-Trichlorophenol	13.29	196	911764	86.45	nq	93
45) 1,1'-Biphenyl	13.62	154	2728945	74.84	nq	84
46) 2-Chloronaphthalene	13.66	162	2213570	75.76	nq	# 88
47) 2-Nitroaniline	13.87	65	1047347	84.73	nq	87
48) Acenaphthylene	14.52	152	3289980	73.54	nq	# 85
49) Dimethylphthalate	14.24	163	2764318	71.65	nq	# 92
50) 2,6-Dinitrotoluene	14.36	165	744428	82.39	nq	# 81
51) Acenaphthene	14.86	154	2245705	77.39	nq	97
52) 3-Nitroaniline	14.70	138	865105	95.06	nq	80
53) 2,4-Dinitrophenol	14.91	184	548566	103.69	nq	89
54) Dibenzofuran	15.19	168	3000314	73.07	nq	# 92
55) 4-Nitrophenol	15.02	139	710073	89.95	nq	# 75
56) 2,4-Dinitrotoluene	15.16	165	1056362	83.03	nq	95
57) Fluorene	15.84	166	2670720	73.66	nq	# 98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	834444	93.46	nq	94
59) Diethylphthalate	15.60	149	2790592	70.61	nq	# 86
60) 4-Chlorophenyl-phenylether	15.83	204	1491850	76.01	nq	97
61) 4-Nitroaniline	15.88	138	925851	97.03	nq	# 65
62) Azobenzene	16.12	77	2841189	69.34	nq	90
64) 4,6-Dinitro-2-methylphenol	15.93	198	765656	92.13	nq	93
65) n-Nitrosodiphenylamine	16.05	169	2590874	75.00	nq	# 87
66) 4-Bromophenyl-phenylether	16.72	248	1130237	86.38	nq	96
67) Hexachlorobenzene	16.85	284	1245307	94.66	nq	97
68) Atrazine	16.99	200	999979	75.46	nq	95
69) Pentachlorophenol	17.19	266	791614	97.50	nq	98
72) Carbazole	17.96	167	3731306	71.24	nq	# 80
76) Benzidine	19.78	184	1947621	68.21	nq	# 91
77) Pvrene	19.97	202	4056453	70.41	nq	# 72
79) Butylbenzylphthalate	20.84	149	1812297	71.51	nq	99
80) Benzo(a)anthracene	21.84	228	3742225	70.41	nq	# 87
81) 3,3'-Dichlorobenzidine	21.75	252	1722985	79.95	nq	# 94
82) Chrysene	21.91	228	3506215	68.28	nq	# 83
83) Bis(2-ethylhexyl)phthalate	21.72	149	2389953	67.39	nq	91
84) Di-n-octyl phthalate	22.99	149	3990342	68.78	nq	96
85) Indeno(1,2,3-cd)pvrene	29.13	276	5269038	87.96	nq	# 100
87) Benzo(b)fluoranthene	24.17	252	4303904	77.23	nq	# 89
88) Benzo(k)fluoranthene	24.24	252	4083226	73.29	nq	# 86
89) Benzo(a)pyrene	25.09	252	4170747	76.37	nq	# 91
90) Dibenzo(a,h)anthracene	29.19	278	4392507	85.03	nq	# 87
91) Benzo(g,h,i)perylene	30.35	276	4557140	83.80	nq	# 88

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

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