

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
 Data File : BG053081.D
 Acq On : 8 Apr 2022 13:06
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/11/2022
 Supervised By : Jagrut Upadhyay 04/11/2022

Quant Time: Apr 08 15:00:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 14:56:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.121	152	31465	20.000	ng	0.00
21) Naphthalene-d8	10.935	136	126931	20.000	ng	0.00
39) Acenaphthene-d10	14.748	164	94981	20.000	ng	0.00
64) Phenanthrene-d10	17.491	188	228766	20.000	ng	0.00
76) Chrysene-d12	21.779	240	217518	20.000	ng	# 0.00
86) Perylene-d12	25.081	264	225260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.683	112	175564	97.170	ng	0.00
7) Phenol-d6	7.281	99	268193	98.460	ng	0.00
23) Nitrobenzene-d5	9.284	82	293175	115.925	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	145726	114.179	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	645465	100.227	ng	0.00
79) Terphenyl-d14	20.093	244	1209931	98.947	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.569	88	37527	41.521	ng	# 87
3) Pyridine	3.968	79	112857	48.712	ng	# 90
4) n-Nitrosodimethylamine	3.880	42	56228	54.708	ng	84
6) Aniline	7.446	93	155420	48.662	ng	97
8) 2-Chlorophenol	7.687	128	93419	49.208	ng	93
9) Benzaldehyde	7.258	77	77240	46.168	ng	94
10) Phenol	7.311	94	132970	49.453	ng	88
11) bis(2-Chloroethyl)ether	7.534	93	97642	48.086	ng	91
12) 1,3-Dichlorobenzene	8.016	146	110054	48.147	ng	# 95
13) 1,4-Dichlorobenzene	8.157	146	110842	48.263	ng	98
14) 1,2-Dichlorobenzene	8.480	146	106561	49.060	ng	99
15) Benzyl Alcohol	8.356	79	121376	52.921	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.644	45	159211	45.024	ng	96
17) 2-Methylphenol	8.562	107	90834	50.675	ng	95
18) Hexachloroethane	9.214	117	42655	50.622	ng	99
19) n-Nitroso-di-n-propyla...	8.926	70	98535	51.076	ng	# 94
20) 3+4-Methylphenols	8.891	107	127492	50.823	ng	87
22) Acetophenone	8.944	105	162958	49.610	ng	93
24) Nitrobenzene	9.326	77	140118	55.373	ng	91
25) Isophorone	9.854	82	253700	51.808	ng	98
26) 2-Nitrophenol	10.042	139	61439	69.917	ng	# 93
27) 2,4-Dimethylphenol	10.101	122	85462	47.538	ng	94
28) bis(2-Chloroethoxy)met...	10.330	93	143187	49.452	ng	99
29) 2,4-Dichlorophenol	10.583	162	110831	54.788	ng	96
30) 1,2,4-Trichlorobenzene	10.800	180	122574	51.365	ng	94
31) Naphthalene	10.988	128	317040	48.301	ng	99
32) Benzoic acid	10.248	122	58160	48.135	ng	# 90
33) 4-Chloroaniline	11.088	127	137184	49.311	ng	95
34) Hexachlorobutadiene	11.276	225	89405	52.254	ng	97
35) Caprolactam	11.863	113	38908	70.439	ng	# 79
36) 4-Chloro-3-methylphenol	12.204	107	128396	54.658	ng	91
37) 2-Methylnaphthalene	12.586	142	234727	48.831	ng	95
38) 1-Methylnaphthalene	12.803	142	227342m	48.460	ng	
40) 1,2,4,5-Tetrachloroben...	12.950	216	153071	51.584	ng	99
41) Hexachlorocyclopentadiene	12.932	237	87332	49.650	ng	99
43) 2,4,6-Trichlorophenol	13.185	196	108919	57.316	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.261	196	114779	59.507	ng	97
46) 1,1'-Biphenyl	13.585	154	323087	48.641	ng	97
47) 2-Chloronaphthalene	13.626	162	256799	49.092	ng	95
48) 2-Nitroaniline	13.820	65	99808	69.766	ng	91
49) Acenaphthylene	14.472	152	406580	48.758	ng	98
50) Dimethylphthalate	14.195	163	358677	50.811	ng	100
51) 2,6-Dinitrotoluene	14.313	165	75340	63.213	ng	# 85
52) Acenaphthene	14.812	154	284035m	53.169	ng	
53) 3-Nitroaniline	14.642	138	81972	58.777	ng	89
54) 2,4-Dinitrophenol	14.848	184	52083	80.170	ng	# 89
55) Dibenzofuran	15.141	168	430801	49.382	ng	97
56) 4-Nitrophenol	14.947	139	64177	56.413	ng	# 72
57) 2,4-Dinitrotoluene	15.100	165	110418	66.771	ng	86
58) Fluorene	15.793	166	345219	48.545	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.370	232	112792	54.709	ng	97
60) Diethylphthalate	15.552	149	378746	50.829	ng	99
61) 4-Chlorophenyl-phenyle...	15.776	204	197718	50.415	ng	98
62) 4-Nitroaniline	15.805	138	84085	57.060	ng	# 78
63) Azobenzene	16.075	77	375712	47.175	ng	98
65) 4,6-Dinitro-2-methylph...	15.870	198	78717	77.183	ng	97
66) n-Nitrosodiphenylamine	15.993	169	311491	48.364	ng	99
67) 4-Bromophenyl-phenylether	16.674	248	139358	50.528	ng	94
68) Hexachlorobenzene	16.804	284	152190	51.336	ng	94
69) Atrazine	16.933	200	113104	47.626	ng	98
70) Pentachlorophenol	17.144	266	90334	49.117	ng	86
71) Phenanthrene	17.532	178	587787	48.028	ng	97
72) Anthracene	17.626	178	577221	47.711	ng	99
73) Carbazole	17.890	167	562429	46.939	ng	99
74) Di-n-butylphthalate	18.443	149	641527	49.010	ng	99
75) Fluoranthene	19.541	202	745223	47.970	ng	99
77) Benzidine	19.712	184	247698	44.151	ng	100
78) Pyrene	19.900	202	739688	49.023	ng	99
80) Butylbenzylphthalate	20.775	149	282379	52.758	ng	97
81) Benzo(a)anthracene	21.756	228	708350	48.633	ng	98
82) 3,3'-Dichlorobenzidine	21.662	252	259068	50.368	ng	99
83) Chrysene	21.826	228	655646	47.882	ng	99
84) Bis(2-ethylhexyl)phtha...	21.650	149	374236	51.414	ng	100
85) Di-n-octyl phthalate	22.890	149	626951	51.739	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.864	276	796055	51.630	ng	98
88) Benzo(b)fluoranthene	24.029	252	684769m	48.959	ng	
89) Benzo(k)fluoranthene	24.100	252	654438	47.558	ng	98
90) Benzo(a)pyrene	24.922	252	576887	48.727	ng	98
91) Dibenzo(a,h)anthracene	28.934	278	652656	51.371	ng	97
92) Benzo(g,h,i)perylene	30.056	276	644270	51.252	ng	98

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

