

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031522\
 Data File : BG052660.D
 Acq On : 15 Mar 2022 10:20
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022

Quant Time: Mar 15 15:28:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 14:40:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.156	152	30207	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	130956	20.000	ng	# 0.00
39) Acenaphthene-d10	14.776	164	96179	20.000	ng	0.00
64) Phenanthrene-d10	17.519	188	230587	20.000	ng	0.00
76) Chrysene-d12	21.808	240	240312	20.000	ng	0.00
86) Perylene-d12	25.133	264	234977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.706	112	36425	20.831	ng	0.00
7) Phenol-d6	7.298	99	55473	21.920	ng	0.00
23) Nitrobenzene-d5	9.313	82	49828	17.249	ng	0.00
42) 2,4,6-Tribromophenol	16.256	330	24808	18.187	ng	0.00
45) 2-Fluorobiphenyl	13.401	172	138974	19.503	ng	0.00
79) Terphenyl-d14	20.122	244	287396	21.163	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.597	88	9472	11.776	ng	96
3) Pyridine	4.002	79	21757m	10.226	ng	
4) n-Nitrosodimethylamine	3.902	42	9359	9.230	ng	# 68
6) Aniline	7.468	93	33125	11.601	ng	97
8) 2-Chlorophenol	7.715	128	19505	10.572	ng	99
9) Benzaldehyde	7.286	77	19196	13.257	ng	91
10) Phenol	7.321	94	28151	11.247	ng	93
11) bis(2-Chloroethyl)ether	7.568	93	21236	11.046	ng	94
12) 1,3-Dichlorobenzene	8.044	146	23428m	10.655	ng	
13) 1,4-Dichlorobenzene	8.191	146	23788	10.618	ng	94
14) 1,2-Dichlorobenzene	8.514	146	22973	10.593	ng	93
15) Benzyl Alcohol	8.385	79	22000	11.242	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.678	45	38470	14.836	ng	97
17) 2-Methylphenol	8.584	107	17678	10.675	ng	96
18) Hexachloroethane	9.254	117	8322	10.976	ng	# 86
19) n-Nitroso-di-n-propyla...	8.954	70	20619	12.040	ng	# 96
20) 3+4-Methylphenols	8.907	107	24952	10.895	ng	# 81
22) Acetophenone	8.978	105	34808	10.291	ng	# 96
24) Nitrobenzene	9.360	77	25073	9.281	ng	91
25) Isophorone	9.883	82	50747	10.564	ng	96
26) 2-Nitrophenol	10.071	139	7776	6.341	ng	# 86
27) 2,4-Dimethylphenol	10.123	122	19533	11.061	ng	93
28) bis(2-Chloroethoxy)met...	10.364	93	28567	9.868	ng	98
29) 2,4-Dichlorophenol	10.605	162	19519	9.290	ng	93
30) 1,2,4-Trichlorobenzene	10.828	180	24444	9.402	ng	96
31) Naphthalene	11.022	128	70461	10.225	ng	98
32) Benzoic acid	10.182	122	8241	8.033	ng	# 86
33) 4-Chloroaniline	11.116	127	28771	10.319	ng	98
34) Hexachlorobutadiene	11.316	225	18108	10.660	ng	95
35) Caprolactam	11.874	113	5303	7.518	ng	# 86
36) 4-Chloro-3-methylphenol	12.221	107	23780	10.333	ng	91
37) 2-Methylnaphthalene	12.614	142	52225	10.489	ng	98
38) 1-Methylnaphthalene	12.832	142	48843	9.991	ng	92
40) 1,2,4,5-Tetrachloroben...	12.978	216	30743	9.556	ng	97
41) Hexachlorocyclopentadiene	12.967	237	18476	12.807	ng	97
43) 2,4,6-Trichlorophenol	13.208	196	18967	9.566	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.272	196	19338	9.005	ng	# 95
46) 1,1'-Biphenyl	13.613	154	71360	9.920	ng	97
47) 2-Chloronaphthalene	13.654	162	56075	10.022	ng	94
48) 2-Nitroaniline	13.842	65	12050	6.689	ng	99
49) Acenaphthylene	14.500	152	90137	10.172	ng	97
50) Dimethylphthalate	14.218	163	73557	10.068	ng	99
51) 2,6-Dinitrotoluene	14.335	165	10302	6.452	ng	# 86
52) Acenaphthene	14.841	154	55862	10.397	ng	98
53) 3-Nitroaniline	14.658	138	12451	7.577	ng	# 92
54) 2,4-Dinitrophenol	14.864	184	6372	8.449	ng	# 62
55) Dibenzofuran	15.170	168	93747	10.289	ng	97
56) 4-Nitrophenol	14.946	139	10737	9.367	ng	87
57) 2,4-Dinitrotoluene	15.117	165	14027	6.241	ng	# 89
58) Fluorene	15.822	166	78530	10.612	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.393	232	19674	9.977	ng	97
60) Diethylphthalate	15.581	149	79836	10.887	ng	97
61) 4-Chlorophenyl-phenyle...	15.810	204	40458	9.800	ng	94
62) 4-Nitroaniline	15.816	138	13574	7.817	ng	# 77
63) Azobenzene	16.104	77	86327	11.921	ng	95
65) 4,6-Dinitro-2-methylph...	15.880	198	8484	5.795	ng	90
66) n-Nitrosodiphenylamine	16.021	169	69127	10.668	ng	98
67) 4-Bromophenyl-phenylether	16.703	248	28090	9.842	ng	94
68) Hexachlorobenzene	16.826	284	30073	9.859	ng	92
69) Atrazine	16.961	200	25748	10.809	ng	99
70) Pentachlorophenol	17.161	266	17261	12.982	ng	99
71) Phenanthrene	17.560	178	129247	10.683	ng	96
72) Anthracene	17.649	178	130107	10.985	ng	99
73) Carbazole	17.913	167	128395	11.076	ng	98
74) Di-n-butylphthalate	18.477	149	138702	10.963	ng	99
75) Fluoranthene	19.564	202	165359	10.946	ng	98
77) Benzidine	19.734	184	67282	13.496	ng	99
78) Pyrene	19.922	202	172713	10.752	ng	97
80) Butylbenzylphthalate	20.815	149	57460	9.837	ng	91
81) Benzo(a)anthracene	21.790	228	166247	10.325	ng	99
82) 3,3'-Dichlorobenzidine	21.696	252	56951	10.183	ng	97
83) Chrysene	21.855	228	157693	10.475	ng	98
84) Bis(2-ethylhexyl)phtha...	21.702	149	79861	9.780	ng	96
85) Di-n-octyl phthalate	22.959	149	127834	9.444	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.933	276	163156	9.689	ng	# 95
88) Benzo(b)fluoranthene	24.075	252	149861m	10.330	ng	
89) Benzo(k)fluoranthene	24.140	252	153955	10.552	ng	97
90) Benzo(a)pyrene	24.974	252	125415	10.217	ng	97
91) Dibenzo(a,h)anthracene	28.998	278	134714	9.641	ng	97
92) Benzo(g,h,i)perylene	30.108	276	130654	9.580	ng	96

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

