

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030922\
 Data File : BG052618.D
 Acq On : 9 Mar 2022 19:02
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2022
 Supervised By : Jagrut Upadhyay 03/10/2022

Quant Time: Mar 10 02:58:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 02:54:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	30078	20.000	ng	0.00
21) Naphthalene-d8	11.006	136	119622	20.000	ng	0.00
39) Acenaphthene-d10	14.825	164	83249	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	198250	20.000	ng	0.00
76) Chrysene-d12	21.886	240	199222	20.000	ng	0.00
86) Perylene-d12	25.305	264	202645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	72850	41.264	ng	0.00
7) Phenol-d6	7.323	99	104626	42.176	ng	0.00
23) Nitrobenzene-d5	9.344	82	108327	41.284	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	47234	39.479	ng	0.00
45) 2-Fluorobiphenyl	13.444	172	255322	42.291	ng	0.00
79) Terphenyl-d14	20.170	244	475938	42.781	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.516	88	16719	20.899	ng	99
3) Pyridine	3.933	79	43582	20.162	ng	97
4) n-Nitrosodimethylamine	3.840	42	21454	20.814	ng	94
6) Aniline	7.482	93	59183	20.575	ng	99
8) 2-Chlorophenol	7.734	128	37958	20.479	ng	99
9) Benzaldehyde	7.294	77	32352	21.742	ng	97
10) Phenol	7.347	94	51438	20.808	ng	98
11) bis(2-Chloroethyl)ether	7.576	93	38822	20.352	ng	93
12) 1,3-Dichlorobenzene	8.063	146	45544	20.863	ng	96
13) 1,4-Dichlorobenzene	8.210	146	45909	20.872	ng	95
14) 1,2-Dichlorobenzene	8.533	146	44326	20.688	ng	98
15) Benzyl Alcohol	8.410	79	40316	20.849	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.698	45	53146	20.673	ng	99
17) 2-Methylphenol	8.615	107	33475	20.407	ng	98
18) Hexachloroethane	9.273	117	15264	19.714	ng	95
19) n-Nitroso-di-n-propyla...	8.974	70	35496	21.016	ng	# 93
20) 3+4-Methylphenols	8.944	107	46387	20.688	ng	99
22) Acetophenone	8.997	105	63922	20.723	ng	# 97
24) Nitrobenzene	9.391	77	52752	21.254	ng	94
25) Isophorone	9.914	82	89723	20.273	ng	98
26) 2-Nitrophenol	10.113	139	22358	20.144	ng	90
27) 2,4-Dimethylphenol	10.160	122	33431	20.870	ng	94
28) bis(2-Chloroethoxy)met...	10.395	93	54590	20.548	ng	99
29) 2,4-Dichlorophenol	10.660	162	39668	20.961	ng	93
30) 1,2,4-Trichlorobenzene	10.871	180	48705	21.018	ng	98
31) Naphthalene	11.059	128	130595	20.810	ng	99
32) Benzoic acid	10.331	122	7589m	11.669	ng	
33) 4-Chloroaniline	11.165	127	53049	20.889	ng	94
34) Hexachlorobutadiene	11.347	225	32409	20.457	ng	93
35) Caprolactam	11.911	113	13231	19.666	ng	# 74
36) 4-Chloro-3-methylphenol	12.281	107	41962	19.907	ng	97
37) 2-Methylnaphthalene	12.663	142	94038	20.550	ng	98
38) 1-Methylnaphthalene	12.880	142	91254	20.467	ng	91
40) 1,2,4,5-Tetrachloroben...	13.027	216	57693	20.890	ng	98
41) Hexachlorocyclopentadiene	13.009	237	22830	21.866	ng	96
43) 2,4,6-Trichlorophenol	13.268	196	35020	20.341	ng	98

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44) 2,4,5-Trichlorophenol	13.344	196	37221	20.019	ng	96
46) 1,1'-Biphenyl	13.656	154	127562	20.790	ng	99
47) 2-Chloronaphthalene	13.709	162	99092	20.846	ng	100
48) 2-Nitroaniline	13.902	65	32275	20.663	ng	98
49) Acenaphthylene	14.549	152	158653	20.761	ng	99
50) Dimethylphthalate	14.267	163	130225	20.311	ng	99
51) 2,6-Dinitrotoluene	14.390	165	27848	20.011	ng	99
52) Acenaphthene	14.889	154	95838	19.308	ng	99
53) 3-Nitroaniline	14.719	138	29477	20.061	ng	99
54) 2,4-Dinitrophenol	14.942	184	9986m	14.377	ng	
55) Dibenzofuran	15.224	168	161889	20.633	ng	99
56) 4-Nitrophenol	15.036	139	18780	18.796	ng	86
57) 2,4-Dinitrotoluene	15.177	165	39639	20.138	ng	98
58) Fluorene	15.870	166	133033	20.955	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.453	232	33270	18.716	ng	94
60) Diethylphthalate	15.624	149	132248	20.215	ng	99
61) 4-Chlorophenyl-phenyle...	15.853	204	73748	20.705	ng	93
62) 4-Nitroaniline	15.882	138	32106	20.962	ng	90
63) Azobenzene	16.146	77	128578	20.133	ng	97
65) 4,6-Dinitro-2-methylph...	15.947	198	23901m	19.734	ng	
66) n-Nitrosodiphenylamine	16.070	169	114271	20.754	ng	99
67) 4-Bromophenyl-phenylether	16.751	248	50312	20.999	ng	96
68) Hexachlorobenzene	16.887	284	53269	20.565	ng	98
69) Atrazine	17.010	200	43771	20.860	ng	97
70) Pentachlorophenol	17.239	266	19183m	15.930	ng	
71) Phenanthrene	17.621	178	213597	20.729	ng	97
72) Anthracene	17.709	178	211396	20.788	ng	98
73) Carbazole	17.979	167	207174	20.722	ng	98
74) Di-n-butylphthalate	18.520	149	225123	20.207	ng	99
75) Fluoranthene	19.624	202	274110	20.635	ng	100
77) Benzidine	19.794	184	93108	21.857	ng	98
78) Pyrene	19.988	202	276614	21.080	ng	97
80) Butylbenzylphthalate	20.852	149	100762	20.689	ng	98
81) Benzo(a)anthracene	21.862	228	275397	20.780	ng	99
82) 3,3'-Dichlorobenzidine	21.762	252	96931	20.640	ng	96
83) Chrysene	21.933	228	257344	20.457	ng	98
84) Bis(2-ethylhexyl)phtha...	21.739	149	137297	20.217	ng	97
85) Di-n-octyl phthalate	23.019	149	228448	20.169	ng	100
87) Indeno(1,2,3-cd)pyrene	29.246	276	304114	20.558	ng	# 96
88) Benzo(b)fluoranthene	24.212	252	264404	20.815	ng	99
89) Benzo(k)fluoranthene	24.282	252	262130	20.772	ng	99
90) Benzo(a)pyrene	25.140	252	221952	20.771	ng	98
91) Dibenzo(a,h)anthracene	29.305	278	255240	20.942	ng	98
92) Benzo(g,h,i)perylene	30.486	276	246864	20.549	ng	94

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

