

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
 Data File : BG052516.D
 Acq On : 1 Mar 2022 13:06
 Operator : CG/JU
 Sample : PB142993BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142993BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/02/2022
 Supervised By : Jagrut Upadhyay 03/02/2022

Quant Time: Mar 02 01:51:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	28400	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	122108	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	92579	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	239807	20.000	ng	0.00
76) Chrysene-d12	21.940	240	238174	20.000	ng	0.00
86) Perylene-d12	25.405	264	248559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	252481	154.943	ng	0.00
7) Phenol-d6	7.377	99	347912	138.377	ng	0.00
23) Nitrobenzene-d5	9.398	82	226973	80.785	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	187207	140.752	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	552931	82.990	ng	0.00
79) Terphenyl-d14	20.212	244	1187094	88.013	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.576	88	26496	35.313	ng	# 91
3) Pyridine	3.987	79	65461	30.081	ng	96
4) n-Nitrosodimethylamine	3.899	42	43561	38.767	ng	# 64
6) Aniline	7.536	93	119786	41.008	ng	97
8) 2-Chlorophenol	7.788	128	91789	51.205	ng	94
9) Benzaldehyde	7.348	77	55939	38.635	ng	95
10) Phenol	7.400	94	125282	50.151	ng	92
11) bis(2-Chloroethyl)ether	7.624	93	84134	44.061	ng	92
12) 1,3-Dichlorobenzene	8.111	146	96415	47.206	ng	95
13) 1,4-Dichlorobenzene	8.264	146	97040	46.607	ng	95
14) 1,2-Dichlorobenzene	8.587	146	93609	45.587	ng	94
15) Benzyl Alcohol	8.458	79	95699	45.862	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.746	45	113610	41.203	ng	97
17) 2-Methylphenol	8.669	107	82718	50.179	ng	# 91
18) Hexachloroethane	9.327	117	33379	46.105	ng	90
19) n-Nitroso-di-n-propyla...	9.028	70	77714	41.000	ng	87
20) 3+4-Methylphenols	8.998	107	112466	47.688	ng	94
22) Acetophenone	9.051	105	139846	43.333	ng	# 92
24) Nitrobenzene	9.445	77	115215	43.231	ng	93
25) Isophorone	9.968	82	211249	44.190	ng	97
26) 2-Nitrophenol	10.161	139	52284	46.285	ng	# 85
27) 2,4-Dimethylphenol	10.214	122	93727	56.040	ng	92
28) bis(2-Chloroethoxy)met...	10.443	93	117730	43.394	ng	97
29) 2,4-Dichlorophenol	10.708	162	96265	48.019	ng	98
30) 1,2,4-Trichlorobenzene	10.919	180	102570	43.816	ng	97
31) Naphthalene	11.113	128	286871	44.813	ng	96
32) Benzoic acid	10.373	122	38505	37.149	ng	93
33) 4-Chloroaniline	11.213	127	69366	25.954	ng	98
34) Hexachlorobutadiene	11.401	225	65790	41.614	ng	98
35) Caprolactam	11.977	113	38061m	52.097	ng	
36) 4-Chloro-3-methylphenol	12.329	107	110570	48.481	ng	96
37) 2-Methylnaphthalene	12.711	142	213046	44.808	ng	97
38) 1-Methylnaphthalene	12.928	142	202477	43.947	ng	# 100
40) 1,2,4,5-Tetrachloroben...	13.075	216	128783	42.292	ng	98
41) Hexachlorocyclopentadiene	13.052	237	139658	94.215	ng	97
43) 2,4,6-Trichlorophenol	13.310	196	88430	44.403	ng	97

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44) 2,4,5-Trichlorophenol	13.386	196	96926	44.911	ng	96
46) 1,1'-Biphenyl	13.704	154	299453	44.111	ng	99
47) 2-Chloronaphthalene	13.751	162	226327	43.273	ng	97
48) 2-Nitroaniline	13.944	65	83216	44.691	ng	93
49) Acenaphthylene	14.597	152	394756	46.366	ng	100
50) Dimethylphthalate	14.309	163	319941	45.113	ng	100
51) 2,6-Dinitrotoluene	14.432	165	74956	48.978	ng	# 86
52) Acenaphthene	14.931	154	278352m	49.921	ng	
53) 3-Nitroaniline	14.767	138	53613	33.703	ng	93
54) 2,4-Dinitrophenol	14.978	184	88400	92.460	ng	97
55) Dibenzofuran	15.266	168	379842	43.317	ng	99
56) 4-Nitrophenol	15.078	139	122830	102.819	ng	# 83
57) 2,4-Dinitrotoluene	15.219	165	111892	51.368	ng	# 85
58) Fluorene	15.912	166	322677	46.095	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.495	232	96461	46.787	ng	# 97
60) Diethylphthalate	15.666	149	335892	46.885	ng	96
61) 4-Chlorophenyl-phenyle...	15.901	204	173667	43.552	ng	99
62) 4-Nitroaniline	15.930	138	82127	49.041	ng	# 85
63) Azobenzene	16.189	77	315455	43.012	ng	93
65) 4,6-Dinitro-2-methylph...	15.989	198	64584	44.769	ng	92
66) n-Nitrosodiphenylamine	16.112	169	295685	44.751	ng	98
67) 4-Bromophenyl-phenylether	16.794	248	124379	42.649	ng	95
68) Hexachlorobenzene	16.929	284	138033	43.639	ng	91
69) Atrazine	17.052	200	130842	48.981	ng	95
70) Pentachlorophenol	17.269	266	149630	96.696	ng	95
71) Phenanthrene	17.663	178	555703	44.952	ng	98
72) Anthracene	17.751	178	567325	46.831	ng	99
73) Carbazole	18.015	167	533714	45.172	ng	98
74) Di-n-butylphthalate	18.556	149	613366	47.647	ng	98
75) Fluoranthene	19.666	202	731998	46.502	ng	99
77) Benzidine	19.831	184	298496	58.652	ng	99
78) Pyrene	20.024	202	726995	45.617	ng	98
80) Butylbenzylphthalate	20.894	149	266252	48.095	ng	93
81) Benzo(a)anthracene	21.916	228	717181	45.504	ng	99
82) 3,3'-Dichlorobenzidine	21.816	252	191488	34.802	ng	100
83) Chrysene	21.987	228	663461	44.423	ng	99
84) Bis(2-ethylhexyl)phtha...	21.793	149	375895	48.969	ng	97
85) Di-n-octyl phthalate	23.079	149	635110	49.348	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.406	276	821883	45.186	ng	# 99
88) Benzo(b)fluoranthene	24.295	252	764537	49.360	ng	100
89) Benzo(k)fluoranthene	24.372	252	708534	46.306	ng	98
90) Benzo(a)pyrene	25.241	252	724447	55.368	ng	97
91) Dibenzo(a,h)anthracene	29.476	278	699798	46.574	ng	# 98
92) Benzo(g,h,i)perylene	30.669	276	696887	47.259	ng	# 95

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

