

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
 Data File : BG056465.D
 Acq On : 27 Jan 2023 21:53
 Operator : CG/JU
 Sample : PB150355BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150355BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023

Quant Time: Jan 28 01:13:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 00:39:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.278	152	27721	20.000	ng	0.00
21) Naphthalene-d8	11.110	136	118811	20.000	ng	0.00
39) Acenaphthene-d10	14.900	164	101208	20.000	ng	0.00
64) Phenanthrene-d10	17.638	188	263104	20.000	ng	0.00
76) Chrysene-d12	21.927	240	249763	20.000	ng	0.00
86) Perylene-d12	25.352	264	275725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	257353	170.781	ng	0.00
7) Phenol-d6	7.426	99	362930	162.548	ng	0.00
23) Nitrobenzene-d5	9.459	82	188844	90.257	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	194331	144.430	ng	0.00
45) 2-Fluorobiphenyl	13.525	172	661514	90.619	ng	0.00
79) Terphenyl-d14	20.211	244	1354307	95.237	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.595	88	22266	35.485	ng	97
3) Pyridine	4.018	79	62348	33.333	ng	98
4) n-Nitrosodimethylamine	3.924	42	17883	44.958	ng	# 90
6) Aniline	7.591	93	124239	42.500	ng	97
8) 2-Chlorophenol	7.837	128	89087	53.815	ng	98
9) Benzaldehyde	7.403	77	33933	31.064	ng	98
10) Phenol	7.456	94	122191	53.845	ng	97
11) bis(2-Chloroethyl)ether	7.679	93	72869	46.716	ng	96
12) 1,3-Dichlorobenzene	8.166	146	97123	50.956	ng	98
13) 1,4-Dichlorobenzene	8.313	146	98342	50.948	ng	97
14) 1,2-Dichlorobenzene	8.636	146	96638	51.602	ng	99
15) Benzyl Alcohol	8.513	79	78608	51.314	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.801	45	15352	46.451	ng	97
17) 2-Methylphenol	8.719	107	86467	50.084	ng	95
18) Hexachloroethane	9.377	117	29021	49.709	ng	91
19) n-Nitroso-di-n-propyla...	9.083	70	60254	46.828	ng	99
20) 3+4-Methylphenols	9.048	107	120132	49.653	ng	98
22) Acetophenone	9.107	105	140630	44.548	ng	# 98
24) Nitrobenzene	9.500	77	89921	44.556	ng	95
25) Isophorone	10.017	82	184673	42.783	ng	99
26) 2-Nitrophenol	10.217	139	56837	46.417	ng	99
27) 2,4-Dimethylphenol	10.264	122	100317	48.952	ng	97
28) bis(2-Chloroethoxy)met...	10.493	93	105969	44.440	ng	95
29) 2,4-Dichlorophenol	10.758	162	115165	49.926	ng	97
30) 1,2,4-Trichlorobenzene	10.969	180	120570	47.036	ng	99
31) Naphthalene	11.163	128	278323	44.383	ng	99
32) Benzoic acid	10.417	122	49687	43.337	ng	97
33) 4-Chloroaniline	11.269	127	97824	33.419	ng	97
34) Hexachlorobutadiene	11.439	225	83633	46.481	ng	95
35) Caprolactam	12.033	113	35086m	45.100	ng	
36) 4-Chloro-3-methylphenol	12.367	107	107336	48.184	ng	98
37) 2-Methylnaphthalene	12.749	142	225175	43.556	ng	98
38) 1-Methylnaphthalene	12.967	142	209617	43.415	ng	95
40) 1,2,4,5-Tetrachloroben...	13.108	216	163868	44.319	ng	100
41) Hexachlorocyclopentadiene	13.084	237	195867	98.342	ng	96
43) 2,4,6-Trichlorophenol	13.343	196	112653	47.279	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.419	196	119941	42.993	ng	99
46) 1,1'-Biphenyl	13.736	154	326926	44.535	ng	100
47) 2-Chloronaphthalene	13.789	162	259136	45.162	ng	98
48) 2-Nitroaniline	13.983	65	53362	44.987	ng	94
49) Acenaphthylene	14.624	152	414636	44.416	ng	99
50) Dimethylphthalate	14.342	163	360957	44.084	ng	99
51) 2,6-Dinitrotoluene	14.465	165	79240	44.377	ng	98
52) Acenaphthene	14.964	154	247433	44.696	ng	100
53) 3-Nitroaniline	14.800	138	57580	33.262	ng	100
54) 2,4-Dinitrophenol	15.011	184	112389	100.398	ng	98
55) Dibenzofuran	15.293	168	437705	44.087	ng	99
56) 4-Nitrophenol	15.105	139	112717	95.292	ng	96
57) 2,4-Dinitrotoluene	15.252	165	113745	45.224	ng	99
58) Fluorene	15.940	166	354617	44.889	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.517	232	117044	47.186	ng	99
60) Diethylphthalate	15.687	149	339984	44.219	ng	99
61) 4-Chlorophenyl-phenylether	15.922	204	216362	44.883	ng	98
62) 4-Nitroaniline	15.963	138	74726	43.140	ng	97
63) Azobenzene	16.216	77	236403	44.685	ng	98
65) 4,6-Dinitro-2-methylph...	16.016	198	79529	42.994	ng	100
66) n-Nitrosodiphenylamine	16.134	169	329862	44.281	ng	99
67) 4-Bromophenyl-phenylether	16.815	248	149486	44.382	ng	99
68) Hexachlorobenzene	16.944	284	155170	47.037	ng	99
69) Atrazine	17.074	200	139942	48.695	ng	99
70) Pentachlorophenol	17.285	266	165749	83.036	ng	97
71) Phenanthrene	17.679	178	619720	45.004	ng	99
72) Anthracene	17.773	178	629378	44.524	ng	99
73) Carbazole	18.037	167	547619	45.486	ng	99
74) Di-n-butylphthalate	18.560	149	556068	43.989	ng	100
75) Fluoranthene	19.671	202	774207	44.546	ng	100
77) Benzidine	19.841	184	349161	51.660	ng	97
78) Pyrene	20.035	202	785867	44.240	ng	99
80) Butylbenzylphthalate	20.887	149	237544	43.786	ng	98
81) Benzo(a)anthracene	21.909	228	791257	45.315	ng	99
82) 3,3'-Dichlorobenzidine	21.809	252	210786	33.522	ng	99
83) Chrysene	21.980	228	730980	44.560	ng	99
84) Bis(2-ethylhexyl)phtha...	21.768	149	341872	43.954	ng	99
85) Di-n-octyl phthalate	23.037	149	576065	44.473	ng	100
87) Indeno(1,2,3-cd)pyrene	29.306	276	932669	46.210	ng	# 95
88) Benzo(b)fluoranthene	24.259	252	814844	47.613	ng	99
89) Benzo(k)fluoranthene	24.330	252	817326	47.302	ng	98
90) Benzo(a)pyrene	25.188	252	729476	43.271	ng	97
91) Dibenzo(a,h)anthracene	29.359	278	787172	46.463	ng	99
92) Benzo(g,h,i)perylene	30.540	276	755554	46.219	ng	100

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

