

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030922\
 Data File : BG052626.D
 Acq On : 10 Mar 2022 00:50
 Operator : CG/JU
 Sample : PB143220BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143220BS

Manual Integrations
 APPROVED

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

Quant Time: Mar 10 06:42:12 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 06:37:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.170	152	27561	20.000	ng	0.00
21) Naphthalene-d8	11.007	136	111797	20.000	ng	0.00
39) Acenaphthene-d10	14.825	164	78126	20.000	ng	0.00
64) Phenanthrene-d10	17.575	188	195310	20.000	ng	0.00
76) Chrysene-d12	21.886	240	202378	20.000	ng	0.00
86) Perylene-d12	25.305	264	214433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	240246	150.588	ng	0.00
7) Phenol-d6	7.324	99	319532	138.385	ng	0.00
23) Nitrobenzene-d5	9.345	82	218139	88.452	ng	0.00
42) 2,4,6-Tribromophenol	16.318	330	157817	142.430	ng	0.00
45) 2-Fluorobiphenyl	13.445	172	508038	87.772	ng	0.00
79) Terphenyl-d14	20.171	244	1029711	90.036	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.511	88	25747	35.084	ng	90
3) Pyridine	3.928	79	71237	36.697	ng	98
4) n-Nitrosodimethylamine	3.834	42	45291	48.958	ng	99
6) Aniline	7.482	93	106169	40.752	ng	98
8) 2-Chlorophenol	7.735	128	87697	52.096	ng	95
9) Benzaldehyde	7.289	77	58076m	43.960	ng	
10) Phenol	7.353	94	114914	50.317	ng	97
11) bis(2-Chloroethyl)ether	7.571	93	82723	47.160	ng	98
12) 1,3-Dichlorobenzene	8.058	146	93980	46.846	ng	97
13) 1,4-Dichlorobenzene	8.205	146	96706	47.308	ng	98
14) 1,2-Dichlorobenzene	8.528	146	93379	47.193	ng	98
15) Benzyl Alcohol	8.411	79	88682	49.668	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.698	45	113453	47.955	ng	95
17) 2-Methylphenol	8.616	107	76932	50.916	ng	98
18) Hexachloroethane	9.274	117	33483	48.399	ng	96
19) n-Nitroso-di-n-propyla...	8.980	70	73191	46.841	ng	98
20) 3+4-Methylphenols	8.945	107	104249	49.890	ng	98
22) Acetophenone	8.998	105	130764	45.286	ng	97
24) Nitrobenzene	9.392	77	112156	48.630	ng	94
25) Isophorone	9.914	82	203832	49.703	ng	99
26) 2-Nitrophenol	10.108	139	50089	47.842	ng	93
27) 2,4-Dimethylphenol	10.167	122	86169	57.155	ng	97
28) bis(2-Chloroethoxy)met...	10.396	93	112553	45.542	ng	97
29) 2,4-Dichlorophenol	10.655	162	89794	50.059	ng	97
30) 1,2,4-Trichlorobenzene	10.872	180	101047	45.527	ng	92
31) Naphthalene	11.060	128	273859	46.551	ng	100
32) Benzoic acid	10.326	122	26887m	30.700	ng	
33) 4-Chloroaniline	11.166	127	53618	22.526	ng	99
34) Hexachlorobutadiene	11.348	225	64105	44.206	ng	99
35) Caprolactam	11.935	113	29781m	49.454	ng	
36) 4-Chloro-3-methylphenol	12.288	107	96119	48.924	ng	98
37) 2-Methylnaphthalene	12.658	142	198041	46.593	ng	99
38) 1-Methylnaphthalene	12.875	142	191564	45.899	ng	97
40) 1,2,4,5-Tetrachloroben...	13.028	216	119911	45.887	ng	99
41) Hexachlorocyclopentadiene	13.010	237	148622	126.829	ng	92
43) 2,4,6-Trichlorophenol	13.263	196	79206	49.180	ng	98

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44) 2,4,5-Trichlorophenol	13.339	196	84204	48.273	ng	97
46) 1,1'-Biphenyl	13.656	154	272880	46.698	ng	98
47) 2-Chloronaphthalene	13.703	162	210290	46.267	ng	98
48) 2-Nitroaniline	13.903	65	71628	48.949	ng	97
49) Acenaphthylene	14.549	152	364750	50.675	ng	99
50) Dimethylphthalate	14.267	163	278243	46.884	ng	98
51) 2,6-Dinitrotoluene	14.391	165	64590	49.796	ng	98
52) Acenaphthene	14.890	154	203527	46.633	ng	98
53) 3-Nitroaniline	14.726	138	40415	30.277	ng	95
54) 2,4-Dinitrophenol	14.937	184	67962	85.735	ng	96
55) Dibenzofuran	15.225	168	335278	45.301	ng	99
56) 4-Nitrophenol	15.037	139	99075	106.405	ng	98
57) 2,4-Dinitrotoluene	15.184	165	92862	50.868	ng	96
58) Fluorene	15.871	166	283858	47.223	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.454	232	81498	50.880	ng	97
60) Diethylphthalate	15.624	149	286057	48.025	ng	99
61) 4-Chlorophenyl-phenyle...	15.853	204	154360	46.031	ng	95
62) 4-Nitroaniline	15.889	138	64883	45.997	ng	93
63) Azobenzene	16.147	77	275007	46.751	ng	99
65) 4,6-Dinitro-2-methylph...	15.953	198	54255	43.749	ng	92
66) n-Nitrosodiphenylamine	16.071	169	254903	46.445	ng	99
67) 4-Bromophenyl-phenylether	16.752	248	108074	44.705	ng	98
68) Hexachlorobenzene	16.887	284	118718	45.948	ng	98
69) Atrazine	17.011	200	106641	52.852	ng	97
70) Pentachlorophenol	17.228	266	114756	85.273	ng	88
71) Phenanthrene	17.616	178	480147	46.856	ng	99
72) Anthracene	17.710	178	486535	48.497	ng	99
73) Carbazole	17.974	167	454230	46.262	ng	99
74) Di-n-butylphthalate	18.520	149	522959	48.801	ng	99
75) Fluoranthene	19.625	202	634267	49.571	ng	98
77) Benzidine	19.795	184	242201	57.691	ng	98
78) Pyrene	19.983	202	639753	47.293	ng	99
80) Butylbenzylphthalate	20.853	149	233270	47.419	ng	98
81) Benzo(a)anthracene	21.863	228	639947	47.197	ng	99
82) 3,3'-Dichlorobenzidine	21.763	252	140819	29.898	ng	99
83) Chrysene	21.933	228	579658	45.722	ng	100
84) Bis(2-ethylhexyl)phtha...	21.740	149	328474	47.767	ng	97
85) Di-n-octyl phthalate	23.020	149	554964	48.682	ng	100
87) Indeno(1,2,3-cd)pyrene	29.265	276	713049	46.402	ng	# 96
88) Benzo(b)fluoranthene	24.219	252	677703	51.188	ng	97
89) Benzo(k)fluoranthene	24.289	252	626821	47.078	ng	97
90) Benzo(a)pyrene	25.153	252	639717	57.108	ng	98
91) Dibenzo(a,h)anthracene	29.329	278	619881	48.611	ng	97
92) Benzo(g,h,i)perylene	30.498	276	617106	49.582	ng	97

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

