

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056277.D
 Acq On : 13 Jan 2023 14:26
 Operator : CG/JU
 Sample : PB150241BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/16/2023
 Supervised By : Jagrut Upadhyay 01/16/2023

Quant Time: Jan 16 00:37:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	52313	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	217755	20.000	ng	0.00
39) Acenaphthene-d10	14.932	164	188279	20.000	ng	0.00
64) Phenanthrene-d10	17.670	188	457086	20.000	ng	0.00
76) Chrysene-d12	21.965	240	465122	20.000	ng	# 0.00
86) Perylene-d12	25.402	264	451000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	438199	149.562	ng	0.01
7) Phenol-d6	7.459	99	618073	137.366	ng	0.01
23) Nitrobenzene-d5	9.492	82	327316	76.888	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	271220	113.742	ng	0.00
45) 2-Fluorobiphenyl	13.557	172	1032442	75.723	ng	0.00
79) Terphenyl-d14	20.244	244	1953100	75.208	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	46989	35.112	ng	# 91
3) Pyridine	4.069	79	113260	27.787	ng	96
4) n-Nitrosodimethylamine	3.975	42	34403	41.493	ng	93
6) Aniline	7.629	93	147975	25.078	ng	96
8) 2-Chlorophenol	7.876	128	149122	51.147	ng	95
10) Phenol	7.482	94	221687	48.583	ng	96
11) bis(2-Chloroethyl)ether	7.723	93	133281	43.101	ng	96
12) 1,3-Dichlorobenzene	8.211	146	167465	47.195	ng	94
13) 1,4-Dichlorobenzene	8.352	146	168172	47.196	ng	97
14) 1,2-Dichlorobenzene	8.681	146	163403	47.526	ng	98
15) Benzyl Alcohol	8.552	79	150934	46.091	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.845	45	26839	49.115	ng	83
17) 2-Methylphenol	8.751	107	149876	44.762	ng	97
18) Hexachloroethane	9.415	117	51554	47.626	ng	94
19) n-Nitroso-di-n-propyla...	9.122	70	109329	39.958	ng	100
20) 3+4-Methylphenols	9.080	107	206394	43.844	ng	98
22) Acetophenone	9.145	105	239112	38.835	ng	# 97
24) Nitrobenzene	9.539	77	165234	39.166	ng	99
25) Isophorone	10.056	82	331951	37.061	ng	98
26) 2-Nitrophenol	10.250	139	91412	42.349	ng	96
27) 2,4-Dimethylphenol	10.297	122	167375	42.514	ng	95
28) bis(2-Chloroethoxy)met...	10.532	93	188460	40.483	ng	98
29) 2,4-Dichlorophenol	10.790	162	193398	44.433	ng	96
30) 1,2,4-Trichlorobenzene	11.008	180	206867	41.882	ng	97
31) Naphthalene	11.201	128	458257	39.987	ng	99
32) Benzoic acid	10.432	122	111462	38.157	ng	98
33) 4-Chloroaniline	11.301	127	88714	16.214	ng	95
34) Hexachlorobutadiene	11.478	225	149569	42.103	ng	99
35) Caprolactam	12.071	113	56936m	38.636	ng	
36) 4-Chloro-3-methylphenol	12.394	107	184504	41.775	ng	99
37) 2-Methylnaphthalene	12.782	142	370869	38.327	ng	97
38) 1-Methylnaphthalene	12.999	142	347938	38.721	ng	100
40) 1,2,4,5-Tetrachloroben...	13.146	216	283251	40.140	ng	99
41) Hexachlorocyclopentadiene	13.117	237	347461	86.365	ng	96
43) 2,4,6-Trichlorophenol	13.375	196	191832	41.111	ng	99
44) 2,4,5-Trichlorophenol	13.446	196	204843	37.111	ng	96

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46) 1,1'-Biphenyl	13.769	154	543736	40.325	ng	98
47) 2-Chloronaphthalene	13.822	162	432944	40.678	ng	98
48) 2-Nitroaniline	14.010	65	91909	40.531	ng	96
49) Acenaphthylene	14.662	152	661627	38.201	ng	99
50) Dimethylphthalate	14.374	163	564713	37.155	ng	98
51) 2,6-Dinitrotoluene	14.498	165	124394	38.409	ng	99
52) Acenaphthene	14.997	154	500482m	44.430	ng	
53) 3-Nitroaniline	14.827	138	73267	23.771	ng	99
54) 2,4-Dinitrophenol	15.032	184	186156	80.460	ng	# 94
55) Dibenzofuran	15.326	168	714239	38.316	ng	98
56) 4-Nitrophenol	15.120	139	185081	78.076	ng	97
57) 2,4-Dinitrotoluene	15.279	165	176220	38.907	ng	94
58) Fluorene	15.972	166	568023	37.886	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.543	232	199453	38.484	ng	96
60) Diethylphthalate	15.720	149	523901	36.755	ng	98
61) 4-Chlorophenyl-phenyle...	15.955	204	356827	38.136	ng	99
62) 4-Nitroaniline	15.984	138	111854	35.428	ng	98
63) Azobenzene	16.248	77	413390	37.583	ng	98
65) 4,6-Dinitro-2-methylph...	16.043	198	126367	41.034	ng	93
66) n-Nitrosodiphenylamine	16.166	169	520241	41.022	ng	97
67) 4-Bromophenyl-phenylether	16.848	248	242151	41.603	ng	97
68) Hexachlorobenzene	16.971	284	240191	44.231	ng	98
69) Atrazine	17.100	200	112843	21.470	ng	94
70) Pentachlorophenol	17.312	266	303784	72.824	ng	98
71) Phenanthrene	17.711	178	972588	41.059	ng	98
72) Anthracene	17.800	178	977562	40.006	ng	100
73) Carbazole	18.064	167	835493	40.677	ng	98
74) Di-n-butylphthalate	18.593	149	846010	41.319	ng	100
75) Fluoranthene	19.697	202	1231983	39.872	ng	99
77) Benzidine	19.868	184	226249	13.880	ng	98
78) Pyrene	20.062	202	1241020	37.855	ng	99
80) Butylbenzylphthalate	20.919	149	368603	39.191	ng	97
81) Benzo(a)anthracene	21.942	228	1257726	38.499	ng	99
82) 3,3'-Dichlorobenzidine	21.842	252	382768	32.548	ng	98
83) Chrysene	22.012	228	1171199	38.273	ng	99
84) Bis(2-ethylhexyl)phtha...	21.807	149	538178	39.717	ng	99
85) Di-n-octyl phthalate	23.087	149	912578	39.893	ng	100
87) Indeno(1,2,3-cd)pyrene	29.374	276	1461970	44.573	ng	# 99
88) Benzo(b)fluoranthene	24.310	252	1359565m	47.446	ng	
89) Benzo(k)fluoranthene	24.380	252	1281855	44.923	ng	99
90) Benzo(a)pyrene	25.250	252	1172558	41.954	ng	100
91) Dibenzo(a,h)anthracene	29.445	278	1252472	45.546	ng	# 99
92) Benzo(g,h,i)perylene	30.632	276	1200683	45.025	ng	97

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

