

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
 Data File : BG055123.D
 Acq On : 11 Oct 2022 11:33
 Operator : CG/JU
 Sample : PB148225BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148225BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/12/2022
 Supervised By : Jagrut Upadhyay 10/12/2022

Quant Time: Oct 12 06:17:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	34665	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	156509	20.000	ng	0.00
39) Acenaphthene-d10	14.933	164	114875	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	284753	20.000	ng	0.00
76) Chrysene-d12	21.966	240	270569	20.000	ng	0.00
86) Perylene-d12	25.409	264	284912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.850	112	272253	174.444	ng	0.00
7) Phenol-d6	7.460	99	361592	154.632	ng	0.00
23) Nitrobenzene-d5	9.499	82	224813	85.832	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	219797	181.502	ng	0.00
45) 2-Fluorobiphenyl	13.564	172	585904	79.623	ng	0.00
79) Terphenyl-d14	20.245	244	1137788	84.994	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.676	88	24038	27.222	ng	97
3) Pyridine	4.087	79	67038	25.246	ng	92
4) n-Nitrosodimethylamine	3.999	42	51509	33.920	ng	91
6) Aniline	7.642	93	138854	40.584	ng	96
8) 2-Chlorophenol	7.889	128	103876	57.864	ng	93
9) Benzaldehyde	7.448	77	66217	35.249	ng	96
10) Phenol	7.489	94	134653	50.673	ng	98
11) bis(2-Chloroethyl)ether	7.730	93	88740	40.745	ng	98
12) 1,3-Dichlorobenzene	8.218	146	106391	43.056	ng	95
13) 1,4-Dichlorobenzene	8.365	146	105806	42.312	ng	96
14) 1,2-Dichlorobenzene	8.688	146	105323	43.352	ng	98
15) Benzyl Alcohol	8.558	79	103988	49.510	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.852	45	150824	36.560	ng	98
17) 2-Methylphenol	8.752	107	96727	51.665	ng	95
18) Hexachloroethane	9.428	117	35947	45.335	ng	85
19) n-Nitroso-di-n-propyla...	9.134	70	86155	38.035	ng	# 91
20) 3+4-Methylphenols	9.081	107	131180	50.313	ng	98
22) Acetophenone	9.152	105	161244	40.627	ng	97
24) Nitrobenzene	9.546	77	123385	43.385	ng	# 87
25) Isophorone	10.068	82	236270	42.443	ng	97
26) 2-Nitrophenol	10.256	139	60834	73.260	ng	# 87
27) 2,4-Dimethylphenol	10.304	122	111543	58.451	ng	98
28) bis(2-Chloroethoxy)met...	10.544	93	128419	45.084	ng	98
29) 2,4-Dichlorophenol	10.791	162	116168	49.633	ng	97
30) 1,2,4-Trichlorobenzene	11.014	180	114871	42.026	ng	98
31) Naphthalene	11.214	128	327310	39.625	ng	99
32) Benzoic acid	10.427	122	84775	63.066	ng	88
33) 4-Chloroaniline	11.302	127	113481	33.224	ng	99
34) Hexachlorobutadiene	11.490	225	75388	42.535	ng	99
35) Caprolactam	12.072	113	41292m	55.622	ng	
36) 4-Chloro-3-methylphenol	12.395	107	127002	47.673	ng	95
37) 2-Methylnaphthalene	12.789	142	243443	39.992	ng	98
38) 1-Methylnaphthalene	13.006	142	232392	39.248	ng	98
40) 1,2,4,5-Tetrachloroben...	13.147	216	143613	42.817	ng	99
41) Hexachlorocyclopentadiene	13.130	237	187832	130.048	ng	98
43) 2,4,6-Trichlorophenol	13.376	196	106412	51.757	ng	99

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44) 2,4,5-Trichlorophenol	13.447	196	115758	50.013	ng	97
46) 1,1'-Biphenyl	13.776	154	341027	43.298	ng	98
47) 2-Chloronaphthalene	13.823	162	264375	41.656	ng	98
48) 2-Nitroaniline	14.011	65	91111	50.763	ng	100
49) Acenaphthylene	14.663	152	431163	41.025	ng	100
50) Dimethylphthalate	14.381	163	375210	48.123	ng	99
51) 2,6-Dinitrotoluene	14.499	165	80318	50.122	ng	# 80
52) Acenaphthene	14.998	154	313469	48.036	ng	98
53) 3-Nitroaniline	14.828	138	74085	40.361	ng	93
54) 2,4-Dinitrophenol	15.027	184	105415	145.457	ng	# 47
55) Dibenzofuran	15.333	168	433293	41.617	ng	98
56) 4-Nitrophenol	15.116	139	148357	102.284	ng	95
57) 2,4-Dinitrotoluene	15.280	165	117444	53.426	ng	# 83
58) Fluorene	15.973	166	345625	41.484	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.544	232	107654	50.339	ng	99
60) Diethylphthalate	15.727	149	385959	47.975	ng	99
61) 4-Chlorophenyl-phenyle...	15.962	204	197757	43.666	ng	99
62) 4-Nitroaniline	15.985	138	91154	48.598	ng	95
63) Azobenzene	16.255	77	332886	36.739	ng	96
65) 4,6-Dinitro-2-methylph...	16.038	198	68265	64.317	ng	91
66) n-Nitrosodiphenylamine	16.173	169	318782	42.987	ng	98
67) 4-Bromophenyl-phenylether	16.855	248	135113	44.866	ng	92
68) Hexachlorobenzene	16.972	284	152129	43.693	ng	98
69) Atrazine	17.107	200	141675	58.638	ng	99
70) Pentachlorophenol	17.313	266	195687	98.031	ng	95
71) Phenanthrene	17.712	178	604526	40.416	ng	100
72) Anthracene	17.806	178	612316	42.090	ng	99
73) Carbazole	18.065	167	567373	44.433	ng	100
74) Di-n-butylphthalate	18.606	149	680773	51.072	ng	99
75) Fluoranthene	19.698	202	747368	40.051	ng	98
77) Benzidine	19.869	184	383989	82.381	ng	99
78) Pyrene	20.063	202	745618	41.443	ng	98
80) Butylbenzylphthalate	20.926	149	288773	50.934	ng	97
81) Benzo(a)anthracene	21.943	228	710328	41.327	ng	99
82) 3,3'-Dichlorobenzidine	21.843	252	237280	47.488	ng	97
83) Chrysene	22.013	228	657357	39.681	ng	99
84) Bis(2-ethylhexyl)phtha...	21.825	149	415368	49.202	ng	99
85) Di-n-octyl phthalate	23.118	149	701835	49.494	ng	95
87) Indeno(1,2,3-cd)pyrene	29.381	276	876729	42.641	ng	98
88) Benzo(b)fluoranthene	24.311	252	761492	45.361	ng	100
89) Benzo(k)fluoranthene	24.387	252	745329	44.071	ng	100
90) Benzo(a)pyrene	25.251	252	678762	47.176	ng	98
91) Dibenzo(a,h)anthracene	29.458	278	764123	45.749	ng	100
92) Benzo(g,h,i)perylene	30.638	276	750165	44.742	ng	99

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

