

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052351.D
 Acq On : 10 Feb 2022 13:04
 Operator : CG/JU
 Sample : PB142516BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142516BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/11/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 10 14:39:52 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	22346	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	106539	20.000	ng	# 0.00
39) Acenaphthene-d10	14.873	164	86417	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	221335	20.000	ng	0.00
76) Chrysene-d12	21.940	240	217232	20.000	ng	0.00
86) Perylene-d12	25.412	264	217105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	182234	142.132	ng	0.00
7) Phenol-d6	7.378	99	268217	135.581	ng	0.00
23) Nitrobenzene-d5	9.398	82	178817	72.946	ng	0.00
42) 2,4,6-Tribromophenol	16.365	330	156592	126.129	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	453193	72.871	ng	0.00
79) Terphenyl-d14	20.219	244	951003	77.306	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.577	88	17341	29.373	ng	94
3) Pyridine	3.988	79	42199	24.645	ng	93
4) n-Nitrosodimethylamine	3.900	42	32826	37.128	ng	84
6) Aniline	7.536	93	84124	36.602	ng	98
8) 2-Chlorophenol	7.789	128	70237	49.797	ng	95
9) Benzaldehyde	7.342	77	42567	36.860	ng	98
10) Phenol	7.401	94	99455	50.598	ng	99
11) bis(2-Chloroethyl)ether	7.624	93	63675	42.381	ng	93
12) 1,3-Dichlorobenzene	8.118	146	68452	42.595	ng	97
13) 1,4-Dichlorobenzene	8.265	146	69045	42.145	ng	96
14) 1,2-Dichlorobenzene	8.588	146	68929	42.662	ng	96
15) Benzyl Alcohol	8.458	79	79671	48.525	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.752	45	91406	42.131	ng	97
17) 2-Methylphenol	8.670	107	67180	51.795	ng	93
18) Hexachloroethane	9.328	117	24669	43.306	ng	98
19) n-Nitroso-di-n-propyla...	9.028	70	65628	44.004	ng	91
20) 3+4-Methylphenols	8.999	107	94220	50.775	ng	95
22) Acetophenone	9.052	105	113455	40.293	ng	# 94
24) Nitrobenzene	9.445	77	91963	39.549	ng	92
25) Isophorone	9.968	82	172908	41.455	ng	99
26) 2-Nitrophenol	10.168	139	42024	42.638	ng	89
27) 2,4-Dimethylphenol	10.215	122	76377	52.340	ng	93
28) bis(2-Chloroethoxy)met...	10.450	93	94072	39.741	ng	98
29) 2,4-Dichlorophenol	10.708	162	80775	46.181	ng	96
30) 1,2,4-Trichlorobenzene	10.926	180	80839	39.579	ng	97
31) Naphthalene	11.120	128	228509	40.913	ng	97
32) Benzoic acid	10.356	122	46965	49.555	ng	95
33) 4-Chloroaniline	11.219	127	53833	23.086	ng	98
34) Hexachlorobutadiene	11.407	225	50639	36.712	ng	95
35) Caprolactam	11.983	113	31804m	49.895	ng	
36) 4-Chloro-3-methylphenol	12.336	107	97234	48.863	ng	99
37) 2-Methylnaphthalene	12.712	142	180278	43.457	ng	97
38) 1-Methylnaphthalene	12.929	142	168149	41.830	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.082	216	108978	38.340	ng	99
41) Hexachlorocyclopentadiene	13.058	237	113991	83.043	ng	96
43) 2,4,6-Trichlorophenol	13.311	196	79210	42.610	ng	93

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44) 2,4,5-Trichlorophenol	13.393	196	88370	43.866	ng	96
46) 1,1'-Biphenyl	13.710	154	257147	40.580	ng	98
47) 2-Chloronaphthalene	13.757	162	190842	39.090	ng	97
48) 2-Nitroaniline	13.951	65	75041	43.174	ng	95
49) Acenaphthylene	14.597	152	329569	41.470	ng	99
50) Dimethylphthalate	14.315	163	279256	42.184	ng	99
51) 2,6-Dinitrotoluene	14.439	165	64952	45.467	ng	# 89
52) Acenaphthene	14.938	154	240866m	46.278	ng	
53) 3-Nitroaniline	14.768	138	40041	26.966	ng	97
54) 2,4-Dinitrophenol	14.979	184	75641	85.165	ng	95
55) Dibenzofuran	15.273	168	321599	39.291	ng	99
56) 4-Nitrophenol	15.079	139	105681	94.771	ng	88
57) 2,4-Dinitrotoluene	15.226	165	93764	46.115	ng	# 88
58) Fluorene	15.919	166	279940	42.842	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.496	232	84392	43.852	ng	98
60) Diethylphthalate	15.672	149	288361	43.120	ng	96
61) 4-Chlorophenyl-phenyle...	15.901	204	151396	40.675	ng	97
62) 4-Nitroaniline	15.931	138	65814	42.102	ng	91
63) Azobenzene	16.201	77	277329	40.510	ng	93
65) 4,6-Dinitro-2-methylph...	15.995	198	54057	40.599	ng	88
66) n-Nitrosodiphenylamine	16.119	169	254609	41.750	ng	99
67) 4-Bromophenyl-phenylether	16.800	248	106459	39.551	ng	96
68) Hexachlorobenzene	16.935	284	119850	41.053	ng	91
69) Atrazine	17.059	200	108670	44.076	ng	93
70) Pentachlorophenol	17.276	266	132845	93.013	ng	98
71) Phenanthrene	17.669	178	474124	41.553	ng	97
72) Anthracene	17.758	178	479123	42.851	ng	99
73) Carbazole	18.022	167	449823	41.249	ng	99
74) Di-n-butylphthalate	18.562	149	519144	43.694	ng	98
75) Fluoranthene	19.667	202	621209	42.757	ng	99
77) Benzidine	19.837	184	190857	41.117	ng	99
78) Pyrene	20.031	202	612154	42.114	ng	99
80) Butylbenzylphthalate	20.900	149	224004	44.365	ng	93
81) Benzo(a)anthracene	21.923	228	580775	40.401	ng	99
82) 3,3'-Dichlorobenzidine	21.823	252	144951	28.884	ng	98
83) Chrysene	21.993	228	558860	41.026	ng	99
84) Bis(2-ethylhexyl)phtha...	21.799	149	313375	44.760	ng	97
85) Di-n-octyl phthalate	23.092	149	523598	44.606	ng	96
87) Indeno(1,2,3-cd)pyrene	29.436	276	671307	42.255	ng	# 95
88) Benzo(b)fluoranthene	24.302	252	618517	45.718	ng	98
89) Benzo(k)fluoranthene	24.384	252	571607	42.769	ng	99
90) Benzo(a)pyrene	25.253	252	583361	51.045	ng	100
91) Dibenzo(a,h)anthracene	29.489	278	565595	43.096	ng	97
92) Benzo(g,h,i)perylene	30.693	276	561104	43.564	ng	98

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

