

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053562.D
 Acq On : 16 May 2022 11:33
 Operator : CG/JU
 Sample : PB144792BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144792BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2022
 Supervised By : Jagrut Upadhyay 05/17/2022

Quant Time: May 17 05:19:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	24840	20.000	ng	0.00
21) Naphthalene-d8	10.901	136	111995	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	91248	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	226001	20.000	ng	0.00
76) Chrysene-d12	21.745	240	206784	20.000	ng	0.00
86) Perylene-d12	25.029	264	200244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	199610	136.379	ng	0.00
7) Phenol-d6	7.253	99	293690	132.215	ng	0.00
23) Nitrobenzene-d5	9.251	82	210488	80.005	ng	0.00
42) 2,4,6-Tribromophenol	16.206	330	166045	123.380	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	489560	78.400	ng	0.00
79) Terphenyl-d14	20.065	244	974312	87.755	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	25211	32.829	ng	94
3) Pyridine	3.934	79	50251m	26.794	ng	
4) n-Nitrosodimethylamine	3.840	42	36238	39.665	ng	99
6) Aniline	7.406	93	109271	44.414	ng	100
8) 2-Chlorophenol	7.659	128	74577	48.740	ng	95
9) Benzaldehyde	7.224	77	53053m	37.595	ng	
10) Phenol	7.283	94	104909	48.289	ng	96
11) bis(2-Chloroethyl)ether	7.500	93	71070	43.863	ng	98
12) 1,3-Dichlorobenzene	7.982	146	73977	40.983	ng	90
13) 1,4-Dichlorobenzene	8.123	146	74884	41.111	ng	98
14) 1,2-Dichlorobenzene	8.446	146	74555	43.587	ng	97
15) Benzyl Alcohol	8.328	79	86891	46.789	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.610	45	115245	43.702	ng	97
17) 2-Methylphenol	8.534	107	71241	48.517	ng	99
18) Hexachloroethane	9.174	117	28518	41.228	ng	96
19) n-Nitroso-di-n-propyla...	8.892	70	70561	44.273	ng	98
20) 3+4-Methylphenols	8.863	107	96290	46.431	ng	94
22) Acetophenone	8.910	105	118993	38.821	ng	# 98
24) Nitrobenzene	9.292	77	105950	41.607	ng	100
25) Isophorone	9.815	82	198555	44.843	ng	98
26) 2-Nitrophenol	10.008	139	43880	42.546	ng	97
27) 2,4-Dimethylphenol	10.067	122	74086	47.732	ng	95
28) bis(2-Chloroethoxy)met...	10.296	93	105648	41.487	ng	98
29) 2,4-Dichlorophenol	10.555	162	88157	47.061	ng	90
30) 1,2,4-Trichlorobenzene	10.766	180	86612	40.694	ng	93
31) Naphthalene	10.954	128	231491	40.635	ng	97
32) Benzoic acid	10.237	122	37133	39.993	ng	# 85
33) 4-Chloroaniline	11.054	127	82000	34.370	ng	99
34) Hexachlorobutadiene	11.236	225	65030	41.205	ng	94
35) Caprolactam	11.829	113	30199m	44.362	ng	
36) 4-Chloro-3-methylphenol	12.182	107	102487	45.738	ng	100
37) 2-Methylnaphthalene	12.552	142	177036	41.641	ng	96
38) 1-Methylnaphthalene	12.769	142	169769	40.928	ng	99
40) 1,2,4,5-Tetrachloroben...	12.922	216	114253	39.723	ng	98
41) Hexachlorocyclopentadiene	12.899	237	100146	84.875	ng	97
43) 2,4,6-Trichlorophenol	13.157	196	77852	41.466	ng	97

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44) 2,4,5-Trichlorophenol	13.233	196	84443	42.260	ng	96
46) 1,1'-Biphenyl	13.551	154	245447	39.462	ng	98
47) 2-Chloronaphthalene	13.598	162	191661	39.331	ng	99
48) 2-Nitroaniline	13.797	65	79803	43.949	ng	97
49) Acenaphthylene	14.438	152	329692	42.398	ng	99
50) Dimethylphthalate	14.167	163	279541	40.315	ng	99
51) 2,6-Dinitrotoluene	14.285	165	60287	42.676	ng	94
52) Acenaphthene	14.778	154	188090	40.588	ng	98
53) 3-Nitroaniline	14.620	138	53921	35.326	ng	90
54) 2,4-Dinitrophenol	14.837	184	71306	79.556	ng	94
55) Dibenzofuran	15.113	168	326469	39.221	ng	99
56) 4-Nitrophenol	14.943	139	91475	83.905	ng	95
57) 2,4-Dinitrotoluene	15.078	165	88792	43.362	ng	87
58) Fluorene	15.765	166	271788	40.688	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.342	232	85219	42.034	ng	100
60) Diethylphthalate	15.524	149	293851	41.026	ng	97
61) 4-Chlorophenyl-phenyle...	15.748	204	154375	41.416	ng	98
62) 4-Nitroaniline	15.783	138	63828	40.317	ng	97
63) Azobenzene	16.041	77	294583	40.164	ng	99
65) 4,6-Dinitro-2-methylph...	15.848	198	52480	38.970	ng	99
66) n-Nitrosodiphenylamine	15.965	169	248242	41.836	ng	96
67) 4-Bromophenyl-phenylether	16.641	248	108412	41.074	ng	94
68) Hexachlorobenzene	16.776	284	119720	41.416	ng	97
69) Atrazine	16.911	200	109284	43.749	ng	97
70) Pentachlorophenol	17.122	266	118594	76.404	ng	94
71) Phenanthrene	17.504	178	472457	41.113	ng	98
72) Anthracene	17.598	178	472194	41.804	ng	98
73) Carbazole	17.862	167	434881	39.284	ng	100
74) Di-n-butylphthalate	18.409	149	510623	41.013	ng	100
75) Fluoranthene	19.513	202	590048	39.655	ng	98
77) Benzidine	19.684	184	260673	58.487	ng	99
78) Pyrene	19.877	202	586961	43.848	ng	100
80) Butylbenzylphthalate	20.747	149	208834	42.544	ng	98
81) Benzo(a)anthracene	21.728	228	548650	41.599	ng	99
82) 3,3'-Dichlorobenzidine	21.634	252	165373	49.445	ng	96
83) Chrysene	21.792	228	502039	40.756	ng	99
84) Bis(2-ethylhexyl)phtha...	21.610	149	290897	42.936	ng	97
85) Di-n-octyl phthalate	22.838	149	492492	42.988	ng	99
87) Indeno(1,2,3-cd)pyrene	28.801	276	594823	42.650	ng	# 99
88) Benzo(b)fluoranthene	23.984	252	546673	46.122	ng	99
89) Benzo(k)fluoranthene	24.054	252	525700	45.135	ng	99
90) Benzo(a)pyrene	24.876	252	531040	52.638	ng	99
91) Dibenzo(a,h)anthracene	28.853	278	518352	45.106	ng	98
92) Benzo(g,h,i)perylene	29.987	276	515735	45.275	ng	99

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

