

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053317.D
 Acq On : 26 Apr 2022 12:36
 Operator : CG/JU
 Sample : PB144263BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144263BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 03:36:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.107	152	29280	20.000	ng	0.00
21) Naphthalene-d8	10.921	136	128485	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	96385	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	233276	20.000	ng	0.00
76) Chrysene-d12	21.759	240	233357	20.000	ng	0.00
86) Perylene-d12	25.055	264	227703	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	243292	142.434	ng	0.00
7) Phenol-d6	7.273	99	357345	135.663	ng	0.00
23) Nitrobenzene-d5	9.271	82	243591	76.979	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	179597	117.120	ng	0.00
45) 2-Fluorobiphenyl	13.353	172	555999	79.542	ng	0.00
79) Terphenyl-d14	20.079	244	1098131	79.476	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.549	88	24138	29.591	ng	97
3) Pyridine	3.948	79	63942	29.721	ng	# 90
4) n-Nitrosodimethylamine	3.860	42	44017	41.315	ng	# 93
6) Aniline	7.426	93	111383	36.487	ng	98
8) 2-Chlorophenol	7.673	128	91212	49.463	ng	96
9) Benzaldehyde	7.238	77	47244m	30.005	ng	
10) Phenol	7.297	94	124212	47.374	ng	88
11) bis(2-Chloroethyl)ether	7.514	93	84434	44.673	ng	91
12) 1,3-Dichlorobenzene	7.996	146	89499m	41.767	ng	
13) 1,4-Dichlorobenzene	8.143	146	90893	41.607	ng	97
14) 1,2-Dichlorobenzene	8.466	146	89123	42.306	ng	98
15) Benzyl Alcohol	8.342	79	103694m	44.289	ng	
16) 2,2'-oxybis(1-Chloropr...	8.630	45	136624	43.297	ng	99
17) 2-Methylphenol	8.548	107	84219	47.467	ng	93
18) Hexachloroethane	9.194	117	34551	42.176	ng	95
19) n-Nitroso-di-n-propyla...	8.906	70	81623	42.326	ng	# 97
20) 3+4-Methylphenols	8.877	107	113883	45.468	ng	94
22) Acetophenone	8.930	105	141487	39.693	ng	# 99
24) Nitrobenzene	9.312	77	125607	40.809	ng	93
25) Isophorone	9.834	82	225408	41.909	ng	99
26) 2-Nitrophenol	10.028	139	54140	42.065	ng	# 92
27) 2,4-Dimethylphenol	10.087	122	91535	49.659	ng	94
28) bis(2-Chloroethoxy)met...	10.310	93	119960	39.700	ng	97
29) 2,4-Dichlorophenol	10.569	162	101072	43.617	ng	98
30) 1,2,4-Trichlorobenzene	10.780	180	103012	39.277	ng	97
31) Naphthalene	10.968	128	276701	40.365	ng	99
32) Benzoic acid	10.246	122	47641m	40.339	ng	
33) 4-Chloroaniline	11.074	127	72405	24.665	ng	97
34) Hexachlorobutadiene	11.256	225	74372	38.175	ng	98
35) Caprolactam	11.844	113	31798m	38.930	ng	
36) 4-Chloro-3-methylphenol	12.196	107	113336	42.011	ng	92
37) 2-Methylnaphthalene	12.566	142	202281	39.879	ng	95
38) 1-Methylnaphthalene	12.783	142	194022	39.187	ng	# 93
40) 1,2,4,5-Tetrachloroben...	12.936	216	129301	39.498	ng	99
41) Hexachlorocyclopentadiene	12.913	237	138667	82.057	ng	95
43) 2,4,6-Trichlorophenol	13.171	196	90817	40.238	ng	98

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44) 2,4,5-Trichlorophenol	13.248	196	96333	40.053	ng	96
46) 1,1'-Biphenyl	13.565	154	276317	39.809	ng	98
47) 2-Chloronaphthalene	13.612	162	220272	39.777	ng	97
48) 2-Nitroaniline	13.811	65	84045	39.992	ng	94
49) Acenaphthylene	14.458	152	373755	43.115	ng	99
50) Dimethylphthalate	14.176	163	301005	39.045	ng	100
51) 2,6-Dinitrotoluene	14.299	165	66418	41.297	ng	85
52) Acenaphthene	14.798	154	265934m	45.237	ng	
53) 3-Nitroaniline	14.634	138	49820	29.295	ng	94
54) 2,4-Dinitrophenol	14.845	184	85464	83.516	ng	# 89
55) Dibenzofuran	15.127	168	358531	38.949	ng	99
56) 4-Nitrophenol	14.951	139	105796	81.569	ng	# 78
57) 2,4-Dinitrotoluene	15.086	165	94838	41.419	ng	# 85
58) Fluorene	15.779	166	296814	39.923	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.356	232	91399	39.131	ng	99
60) Diethylphthalate	15.539	149	312256	38.658	ng	98
61) 4-Chlorophenyl-phenyle...	15.762	204	162552	38.570	ng	97
62) 4-Nitroaniline	15.797	138	69797	38.895	ng	# 80
63) Azobenzene	16.055	77	310083	38.076	ng	97
65) 4,6-Dinitro-2-methylph...	15.856	198	62020	38.108	ng	99
66) n-Nitrosodiphenylamine	15.979	169	264957	39.497	ng	99
67) 4-Bromophenyl-phenylether	16.655	248	116443	38.956	ng	95
68) Hexachlorobenzene	16.790	284	127644	39.432	ng	96
69) Atrazine	16.919	200	115529	44.089	ng	99
70) Pentachlorophenol	17.136	266	141995	80.263	ng	93
71) Phenanthrene	17.518	178	505006	39.633	ng	98
72) Anthracene	17.612	178	508004	40.243	ng	99
73) Carbazole	17.877	167	475927	38.786	ng	99
74) Di-n-butylphthalate	18.423	149	560598	40.282	ng	99
75) Fluoranthene	19.527	202	664836	40.705	ng	99
77) Benzidine	19.698	184	233195	35.025	ng	99
78) Pyrene	19.886	202	659193	39.663	ng	99
80) Butylbenzylphthalate	20.761	149	242304	39.106	ng	98
81) Benzo(a)anthracene	21.742	228	634894	39.792	ng	98
82) 3,3'-Dichlorobenzidine	21.648	252	166286	28.339	ng	99
83) Chrysene	21.806	228	580638	39.212	ng	99
84) Bis(2-ethylhexyl)phtha...	21.630	149	334806	39.975	ng	99
85) Di-n-octyl phthalate	22.858	149	559618	39.952	ng	97
87) Indeno(1,2,3-cd)pyrene	28.838	276	674825	39.890	ng	# 98
88) Benzo(b)fluoranthene	24.009	252	636195	44.283	ng	96
89) Benzo(k)fluoranthene	24.080	252	592261	41.945	ng	98
90) Benzo(a)pyrene	24.902	252	607103	49.603	ng	99
91) Dibenzo(a,h)anthracene	28.891	278	596403	42.834	ng	99
92) Benzo(g,h,i)perylene	30.019	276	585118	42.636	ng	98

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

