

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
 Data File : BG052515.D
 Acq On : 1 Mar 2022 12:25
 Operator : CG/JU
 Sample : PB142993BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142993BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/02/2022
 Supervised By : Jagrut Upadhyay 03/02/2022

Quant Time: Mar 02 01:51:10 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	8.222	152	31045	20.000	ng	0.00
21) Naphthalene-d8	11.059	136	128751	20.000	ng	# 0.00
39) Acenaphthene-d10	14.866	164	93342	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	233943	20.000	ng	0.00
76) Chrysene-d12	21.933	240	234229	20.000	ng	0.00
86) Perylene-d12	25.398	264	247953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	268779	150.892	ng	0.00
7) Phenol-d6	7.370	99	365901	133.133	ng	0.00
23) Nitrobenzene-d5	9.397	82	245492	82.868	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	185476	138.311	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	569127	84.723	ng	0.00
79) Terphenyl-d14	20.211	244	1165690	87.882	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.575	88	28074	34.228	ng	# 93
3) Pyridine	3.986	79	72014	30.273	ng	95
4) n-Nitrosodimethylamine	3.898	42	47591	38.745	ng	# 68
6) Aniline	7.529	93	123224	38.591	ng	96
8) 2-Chlorophenol	7.781	128	96037	49.010	ng	97
9) Benzaldehyde	7.341	77	62953	40.287	ng	98
10) Phenol	7.399	94	131070	47.997	ng	96
11) bis(2-Chloroethyl)ether	7.623	93	90616	43.413	ng	91
12) 1,3-Dichlorobenzene	8.110	146	104458	46.787	ng	96
13) 1,4-Dichlorobenzene	8.257	146	103925	45.661	ng	99
14) 1,2-Dichlorobenzene	8.580	146	103012	45.892	ng	93
15) Benzyl Alcohol	8.457	79	100163	43.912	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.739	45	126226	41.878	ng	98
17) 2-Methylphenol	8.662	107	86256	47.868	ng	95
18) Hexachloroethane	9.320	117	36133	45.657	ng	96
19) n-Nitroso-di-n-propyla...	9.027	70	82537	39.835	ng	# 93
20) 3+4-Methylphenols	8.991	107	117772	45.683	ng	93
22) Acetophenone	9.044	105	145013	42.616	ng	94
24) Nitrobenzene	9.438	77	123780	44.048	ng	93
25) Isophorone	9.961	82	225335	44.704	ng	98
26) 2-Nitrophenol	10.160	139	54287	45.578	ng	90
27) 2,4-Dimethylphenol	10.213	122	96710	54.840	ng	90
28) bis(2-Chloroethoxy)met...	10.442	93	124068	43.371	ng	99
29) 2,4-Dichlorophenol	10.701	162	99156	46.909	ng	98
30) 1,2,4-Trichlorobenzene	10.918	180	106884	43.303	ng	98
31) Naphthalene	11.112	128	303729	44.999	ng	98
32) Benzoic acid	10.366	122	38358	35.428	ng	99
33) 4-Chloroaniline	11.212	127	76407	27.114	ng	97
34) Hexachlorobutadiene	11.394	225	69404	41.635	ng	97
35) Caprolactam	11.981	113	35431m	45.995	ng	
36) 4-Chloro-3-methylphenol	12.328	107	113115	47.038	ng	97
37) 2-Methylnaphthalene	12.704	142	225258	44.932	ng	97
38) 1-Methylnaphthalene	12.921	142	212305	43.703	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.074	216	135569	44.157	ng	98
41) Hexachlorocyclopentadiene	13.050	237	148179	98.871	ng	97
43) 2,4,6-Trichlorophenol	13.303	196	89543	44.595	ng	96

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44) 2,4,5-Trichlorophenol	13.385	196	99161	45.571	ng	96
46) 1,1'-Biphenyl	13.703	154	306069	44.717	ng	99
47) 2-Chloronaphthalene	13.750	162	231766	43.951	ng	98
48) 2-Nitroaniline	13.943	65	86706	46.184	ng	97
49) Acenaphthylene	14.590	152	401636	46.788	ng	100
50) Dimethylphthalate	14.308	163	320071	44.762	ng	99
51) 2,6-Dinitrotoluene	14.431	165	73062	47.350	ng	# 84
52) Acenaphthene	14.930	154	283084m	50.354	ng	
53) 3-Nitroaniline	14.760	138	50895	31.733	ng	98
54) 2,4-Dinitrophenol	14.971	184	85484	88.880	ng	95
55) Dibenzofuran	15.265	168	381375	43.137	ng	99
56) 4-Nitrophenol	15.077	139	116298	96.555	ng	# 85
57) 2,4-Dinitrotoluene	15.218	165	107117	48.774	ng	# 87
58) Fluorene	15.911	166	324621	45.994	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.494	232	95154	45.775	ng	# 97
60) Diethylphthalate	15.665	149	328666	45.501	ng	96
61) 4-Chlorophenyl-phenyle...	15.894	204	174543	43.414	ng	99
62) 4-Nitroaniline	15.929	138	79539	47.107	ng	89
63) Azobenzene	16.187	77	319782	43.245	ng	95
65) 4,6-Dinitro-2-methylph...	15.988	198	64001	45.477	ng	92
66) n-Nitrosodiphenylamine	16.111	169	292871	45.436	ng	97
67) 4-Bromophenyl-phenylether	16.792	248	123988	43.581	ng	96
68) Hexachlorobenzene	16.928	284	135514	43.917	ng	93
69) Atrazine	17.051	200	129317	49.624	ng	95
70) Pentachlorophenol	17.268	266	142494	94.392	ng	98
71) Phenanthrene	17.662	178	545626	45.243	ng	98
72) Anthracene	17.750	178	554238	46.898	ng	99
73) Carbazole	18.014	167	521548	45.249	ng	100
74) Di-n-butylphthalate	18.555	149	602735	47.995	ng	99
75) Fluoranthene	19.665	202	714087	46.501	ng	99
77) Benzidine	19.830	184	290186	57.980	ng	99
78) Pyrene	20.023	202	715674	45.663	ng	98
80) Butylbenzylphthalate	20.893	149	262439	48.205	ng	95
81) Benzo(a)anthracene	21.915	228	709648	45.784	ng	99
82) 3,3'-Dichlorobenzidine	21.815	252	186461	34.459	ng	99
83) Chrysene	21.985	228	660449	44.966	ng	99
84) Bis(2-ethylhexyl)phtha...	21.792	149	374719	49.638	ng	99
85) Di-n-octyl phthalate	23.078	149	629106	49.705	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.399	276	822082	45.307	ng	99
88) Benzo(b)fluoranthene	24.294	252	745215	48.230	ng	100
89) Benzo(k)fluoranthene	24.370	252	710688	46.560	ng	99
90) Benzo(a)pyrene	25.240	252	718703	55.064	ng	98
91) Dibenzo(a,h)anthracene	29.469	278	696842	46.490	ng	# 95
92) Benzo(g,h,i)perylene	30.662	276	695764	47.298	ng	97

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

