

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
 Data File : BG053059.D
 Acq On : 6 Apr 2022 17:47
 Operator : CG/JU
 Sample : N2257-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/07/2022
 Supervised By : Jagrut Upadhyay 04/07/2022

Quant Time: Apr 06 18:41:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.126	152	34653	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	140215	20.000	ng	0.00
39) Acenaphthene-d10	14.753	164	101569	20.000	ng	0.00
64) Phenanthrene-d10	17.496	188	204991	20.000	ng	0.00
76) Chrysene-d12	21.784	240	202049	20.000	ng	# 0.00
86) Perylene-d12	25.086	264	214099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	203184	102.112	ng	0.01
7) Phenol-d6	7.292	99	298952	99.655	ng	0.01
23) Nitrobenzene-d5	9.289	82	209501	74.991	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	143904	105.438	ng	0.00
45) 2-Fluorobiphenyl	13.372	172	440423	63.952	ng	0.00
79) Terphenyl-d14	20.092	244	681334	59.985	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.574	88	33807	33.964	ng	# 91
3) Pyridine	3.973	79	91231	35.755	ng	# 83
4) n-Nitrosodimethylamine	3.885	42	56509	49.923	ng	81
6) Aniline	7.451	93	76026	21.614	ng	96
8) 2-Chlorophenol	7.692	128	110954	53.067	ng	96
9) Benzaldehyde	7.257	77	62908	37.521	ng	94
10) Phenol	7.316	94	150013	50.659	ng	86
11) bis(2-Chloroethyl)ether	7.539	93	103307	46.196	ng	96
12) 1,3-Dichlorobenzene	8.021	146	115470	45.869	ng	93
13) 1,4-Dichlorobenzene	8.162	146	119244	47.145	ng	98
14) 1,2-Dichlorobenzene	8.485	146	115286	48.194	ng	97
15) Benzyl Alcohol	8.361	79	128431	50.846	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.655	45	166070	42.643	ng	98
17) 2-Methylphenol	8.573	107	103043	52.197	ng	97
18) Hexachloroethane	9.219	117	45358	48.877	ng	99
19) n-Nitroso-di-n-propyla...	8.931	70	98007	46.128	ng	# 97
20) 3+4-Methylphenols	8.902	107	138692	50.202	ng	93
22) Acetophenone	8.949	105	168400	46.410	ng	92
24) Nitrobenzene	9.331	77	152467	54.545	ng	92
25) Isophorone	9.859	82	266224	49.215	ng	99
26) 2-Nitrophenol	10.047	139	64756	66.710	ng	# 92
27) 2,4-Dimethylphenol	10.106	122	108809	54.791	ng	91
28) bis(2-Chloroethoxy)met...	10.335	93	142884	44.672	ng	98
29) 2,4-Dichlorophenol	10.588	162	119961	53.683	ng	99
30) 1,2,4-Trichlorobenzene	10.805	180	128479	48.738	ng	96
31) Naphthalene	10.993	128	347220	47.888	ng	99
32) Benzoic acid	10.259	122	81545	54.434	ng	88
33) 4-Chloroaniline	11.093	127	38198	12.430	ng	93
34) Hexachlorobutadiene	11.281	225	92048	48.702	ng	98
35) Caprolactam	11.874	113	37352m	61.216	ng	
36) 4-Chloro-3-methylphenol	12.215	107	135951	52.391	ng	97
37) 2-Methylnaphthalene	12.585	142	244461	46.038	ng	# 96
38) 1-Methylnaphthalene	12.808	142	240634	46.433	ng	# 96
40) 1,2,4,5-Tetrachloroben...	12.955	216	160451	50.564	ng	98
41) Hexachlorocyclopentadiene	12.937	237	173261	92.114	ng	92
43) 2,4,6-Trichlorophenol	13.190	196	113981	56.089	ng	98

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44) 2,4,5-Trichlorophenol	13.266	196	119675	58.021	ng	97
46) 1,1'-Biphenyl	13.584	154	333398	46.937	ng	99
47) 2-Chloronaphthalene	13.631	162	263531	47.111	ng	95
48) 2-Nitroaniline	13.824	65	103042	67.355	ng	85
49) Acenaphthylene	14.476	152	447435	50.177	ng	98
50) Dimethylphthalate	14.200	163	339285	44.946	ng	99
51) 2,6-Dinitrotoluene	14.318	165	75597	59.315	ng	# 81
52) Acenaphthene	14.817	154	305162m	53.419	ng	
53) 3-Nitroaniline	14.647	138	47491	31.844	ng	90
54) 2,4-Dinitrophenol	14.852	184	71119	102.371	ng	# 82
55) Dibenzofuran	15.146	168	424774	45.533	ng	96
56) 4-Nitrophenol	14.964	139	126480	103.967	ng	# 74
57) 2,4-Dinitrotoluene	15.105	165	108777	61.512	ng	87
58) Fluorene	15.798	166	342777	45.076	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.375	232	109862	49.832	ng	# 98
60) Diethylphthalate	15.557	149	340922	42.785	ng	99
61) 4-Chlorophenyl-phenyle...	15.781	204	185667	44.271	ng	98
62) 4-Nitroaniline	15.810	138	61819	39.229	ng	# 75
63) Azobenzene	16.074	77	357372	41.961	ng	96
65) 4,6-Dinitro-2-methylph...	15.869	198	49810	54.504	ng	95
66) n-Nitrosodiphenylamine	15.998	169	298671	51.752	ng	98
67) 4-Bromophenyl-phenylether	16.674	248	125646	50.840	ng	94
68) Hexachlorobenzene	16.803	284	135801	51.121	ng	# 89
69) Atrazine	16.944	200	118952	55.898	ng	99
70) Pentachlorophenol	17.149	266	166361	100.945	ng	92
71) Phenanthrene	17.537	178	765624	69.815	ng	99
72) Anthracene	17.631	178	567327	52.332	ng	99
73) Carbazole	17.895	167	499147	46.489	ng	99
74) Di-n-butylphthalate	18.448	149	526873	44.919	ng	98
75) Fluoranthene	19.546	202	1083614	77.843	ng	97
77) Benzidine	19.716	184	21429	4.112	ng	97
78) Pyrene	19.904	202	1090123	77.780	ng	99
80) Butylbenzylphthalate	20.780	149	225604	45.378	ng	97
81) Benzo(a)anthracene	21.761	228	870543	64.344	ng	98
82) 3,3'-Dichlorobenzidine	21.667	252	74958	15.689	ng	95
83) Chrysene	21.831	228	830193	65.271	ng	99
84) Bis(2-ethylhexyl)phtha...	21.655	149	323484	47.844	ng	97
85) Di-n-octyl phthalate	22.889	149	545344	48.450	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.886	276	923188	62.997	ng	98
88) Benzo(b)fluoranthene	24.046	252	960987m	72.290	ng	
89) Benzo(k)fluoranthene	24.110	252	758290	57.977	ng	99
90) Benzo(a)pyrene	24.939	252	870083	77.323	ng	98
91) Dibenzo(a,h)anthracene	28.945	278	670914	55.561	ng	99
92) Benzo(g,h,i)perylene	30.079	276	820305	68.658	ng	98

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

