

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
 Data File : BG053800.D
 Acq On : 2 Jun 2022 20:57
 Operator : CG/JU
 Sample : N2987-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P033-SS001-1824-01MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/03/2022
 Supervised By : Jagrut Upadhyay 06/03/2022

Quant Time: Jun 03 02:28:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	3951	20.000	ng	0.00
21) Naphthalene-d8	10.900	136	22801	20.000	ng	# 0.00
39) Acenaphthene-d10	14.713	164	29059	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	131721	20.000	ng	0.00
76) Chrysene-d12	21.734	240	199929	20.000	ng	# 0.00
86) Perylene-d12	24.995	264	188278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	33007	153.410	ng	0.00
7) Phenol-d6	7.239	99	56415	193.567	ng	0.00
23) Nitrobenzene-d5	9.249	82	28704	82.669	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	69639	197.426	ng	0.00
45) 2-Fluorobiphenyl	13.338	172	113405	58.383	ng	0.00
79) Terphenyl-d14	20.065	244	827361	82.327	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.549	88	3721	35.767	ng	88
3) Pyridine	3.955	79	9789	38.819	ng	# 88
4) n-Nitrosodimethylamine	3.861	42	6311	55.428	ng	# 97
6) Aniline	7.410	93	15078	42.507	ng	# 96
8) 2-Chlorophenol	7.650	128	15881	72.106	ng	96
9) Benzaldehyde	7.221	77	9291	47.808	ng	87
10) Phenol	7.263	94	24851	82.519	ng	95
11) bis(2-Chloroethyl)ether	7.504	93	12970	54.755	ng	93
12) 1,3-Dichlorobenzene	7.985	146	13811	49.277	ng	90
13) 1,4-Dichlorobenzene	8.132	146	14110	49.503	ng	95
14) 1,2-Dichlorobenzene	8.449	146	14053	51.464	ng	96
15) Benzyl Alcohol	8.320	79	17735	81.296	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.620	45	21490	51.710	ng	96
17) 2-Methylphenol	8.520	107	17923	87.065	ng	# 91
18) Hexachloroethane	9.184	117	4454	47.228	ng	93
19) n-Nitroso-di-n-propyla...	8.890	70	14513	70.308	ng	93
20) 3+4-Methylphenols	8.843	107	25670	91.782	ng	95
22) Acetophenone	8.908	105	27259	48.415	ng	# 99
24) Nitrobenzene	9.290	77	17659	45.898	ng	# 85
25) Isophorone	9.813	82	45128	57.988	ng	# 95
26) 2-Nitrophenol	10.006	139	6970	55.008	ng	# 82
27) 2,4-Dimethylphenol	10.059	122	22443	80.219	ng	88
28) bis(2-Chloroethoxy)met...	10.294	93	24554	58.062	ng	# 92
29) 2,4-Dichlorophenol	10.541	162	25053	74.558	ng	91
30) 1,2,4-Trichlorobenzene	10.764	180	18035	42.406	ng	95
31) Naphthalene	10.952	128	55244	47.340	ng	98
32) Benzoic acid	10.147	122	25923m	113.182	ng	
33) 4-Chloroaniline	11.046	127	16741	34.603	ng	94
34) Hexachlorobutadiene	11.246	225	11138	36.966	ng	94
35) Caprolactam	11.851	113	14652m	152.567	ng	
36) 4-Chloro-3-methylphenol	12.157	107	35016	97.912	ng	92
37) 2-Methylnaphthalene	12.551	142	49711	58.721	ng	97
38) 1-Methylnaphthalene	12.768	142	49554	59.858	ng	95
40) 1,2,4,5-Tetrachloroben...	12.915	216	33503	34.334	ng	99
41) Hexachlorocyclopentadiene	12.903	237	30349	61.186	ng	96
43) 2,4,6-Trichlorophenol	13.144	196	28930	54.666	ng	95

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44) 2,4,5-Trichlorophenol	13.214	196	36759	62.428	ng	94
46) 1,1'-Biphenyl	13.549	154	81456	39.331	ng	98
47) 2-Chloronaphthalene	13.591	162	65120	40.417	ng	97
48) 2-Nitroaniline	13.784	65	24528	58.598	ng	90
49) Acenaphthylene	14.437	152	132322	51.193	ng	98
50) Dimethylphthalate	14.160	163	118621	55.701	ng	99
51) 2,6-Dinitrotoluene	14.272	165	23355	60.089	ng	# 86
52) Acenaphthene	14.777	154	95506	58.158	ng	96
53) 3-Nitroaniline	14.601	138	16456	40.334	ng	90
54) 2,4-Dinitrophenol	14.807	184	38675	197.920	ng	# 75
55) Dibenzofuran	15.112	168	135805	51.876	ng	96
56) 4-Nitrophenol	14.901	139	79529	225.293	ng	# 87
57) 2,4-Dinitrotoluene	15.059	165	40341	74.909	ng	90
58) Fluorene	15.759	166	128033	59.068	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.330	232	45888	70.574	ng	96
60) Diethylphthalate	15.524	149	139557	64.706	ng	97
61) 4-Chlorophenyl-phenyle...	15.753	204	65478	56.034	ng	93
62) 4-Nitroaniline	15.764	138	40257	87.976	ng	# 77
63) Azobenzene	16.041	77	119606	59.267	ng	94
65) 4,6-Dinitro-2-methylph...	15.823	198	27425	53.633	ng	86
66) n-Nitrosodiphenylamine	15.958	169	130783	37.338	ng	97
67) 4-Bromophenyl-phenylether	16.646	248	52435	36.638	ng	99
68) Hexachlorobenzene	16.763	284	63703	39.932	ng	96
69) Atrazine	16.904	200	77018	56.159	ng	96
70) Pentachlorophenol	17.104	266	121304	117.171	ng	98
71) Phenanthrene	17.498	178	321164	46.322	ng	98
72) Anthracene	17.592	178	331003	48.780	ng	100
73) Carbazole	17.850	167	385495	62.938	ng	99
74) Di-n-butylphthalate	18.420	149	416008	59.065	ng	# 97
75) Fluoranthene	19.507	202	606842	67.482	ng	95
77) Benzidine	19.677	184	208777	42.705	ng	98
78) Pyrene	19.866	202	635446	49.978	ng	97
80) Butylbenzylphthalate	20.753	149	243199	58.650	ng	98
81) Benzo(a)anthracene	21.716	228	616120	46.419	ng	98
82) 3,3'-Dichlorobenzidine	21.622	252	94536	25.270	ng	97
83) Chrysene	21.781	228	556260	44.399	ng	97
84) Bis(2-ethylhexyl)phtha...	21.634	149	313302	52.542	ng	96
85) Di-n-octyl phthalate	22.862	149	485692	48.979	ng	99
87) Indeno(1,2,3-cd)pyrene	28.732	276	636854	45.891	ng	# 97
88) Benzo(b)fluoranthene	23.967	252	559482	47.865	ng	# 99
89) Benzo(k)fluoranthene	24.037	252	546259	47.280	ng	97
90) Benzo(a)pyrene	24.848	252	539295	54.554	ng	# 98
91) Dibenzo(a,h)anthracene	28.802	278	551431	48.085	ng	97
92) Benzo(g,h,i)perylene	29.901	276	550675	48.716	ng	95

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

