

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
 Data File : BG054188.D
 Acq On : 1 Jul 2022 12:55
 Operator : CG/JU
 Sample : PB145925BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145925BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/05/2022
 Supervised By : Jagrut Upadhyay 07/05/2022

Quant Time: Jul 01 23:33:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	16868	20.000	ng	0.00
21) Naphthalene-d8	10.878	136	70006	20.000	ng	# 0.00
39) Acenaphthene-d10	14.697	164	59476	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	168485	20.000	ng	# 0.00
76) Chrysene-d12	21.718	240	177112	20.000	ng	0.00
86) Perylene-d12	24.973	264	182495	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	112326	127.316	ng	0.00
7) Phenol-d6	7.230	99	151243	126.368	ng	0.00
23) Nitrobenzene-d5	9.227	82	99296	79.708	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	135608	141.911	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	301285	73.661	ng	0.00
79) Terphenyl-d14	20.044	244	737529	83.870	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.510	88	9872	25.597	ng	# 87
3) Pyridine	3.910	79	27944	27.152	ng	96
4) n-Nitrosodimethylamine	3.828	42	19958	44.087	ng	# 81
6) Aniline	7.388	93	53762	37.887	ng	98
8) 2-Chlorophenol	7.635	128	43866	46.566	ng	91
9) Benzaldehyde	7.194	77	28298m	40.061	ng	
10) Phenol	7.259	94	54635	45.043	ng	98
11) bis(2-Chloroethyl)ether	7.476	93	37886	40.694	ng	91
12) 1,3-Dichlorobenzene	7.958	146	46398	39.307	ng	91
13) 1,4-Dichlorobenzene	8.099	146	47589	40.135	ng	95
14) 1,2-Dichlorobenzene	8.422	146	47160	41.432	ng	96
15) Benzyl Alcohol	8.299	79	41662m	46.574	ng	
16) 2,2'-oxybis(1-Chloropr...	8.587	45	55144	39.622	ng	98
17) 2-Methylphenol	8.510	107	38387	45.558	ng	93
18) Hexachloroethane	9.151	117	16972	43.147	ng	# 83
19) n-Nitroso-di-n-propyla...	8.869	70	33275	41.383	ng	# 92
20) 3+4-Methylphenols	8.839	107	53409	45.198	ng	97
22) Acetophenone	8.886	105	65755	38.642	ng	# 99
24) Nitrobenzene	9.268	77	50070	40.816	ng	# 84
25) Isophorone	9.791	82	95597	41.089	ng	96
26) 2-Nitrophenol	9.985	139	25894	47.790	ng	# 85
27) 2,4-Dimethylphenol	10.044	122	43656	49.779	ng	90
28) bis(2-Chloroethoxy)met...	10.273	93	53885	42.992	ng	# 97
29) 2,4-Dichlorophenol	10.526	162	55533	47.228	ng	90
30) 1,2,4-Trichlorobenzene	10.737	180	58621	40.263	ng	# 95
31) Naphthalene	10.925	128	135283	38.280	ng	98
32) Benzoic acid	10.191	122	21857	55.042	ng	# 82
33) 4-Chloroaniline	11.031	127	47856	32.641	ng	# 92
34) Hexachlorobutadiene	11.213	225	46807	41.816	ng	99
35) Caprolactam	11.795	113	16730m	51.684	ng	
36) 4-Chloro-3-methylphenol	12.153	107	55181	48.276	ng	87
37) 2-Methylnaphthalene	12.529	142	104954	40.139	ng	98
38) 1-Methylnaphthalene	12.747	142	99128	38.935	ng	98
40) 1,2,4,5-Tetrachloroben...	12.894	216	88130	38.455	ng	95
41) Hexachlorocyclopentadiene	12.876	237	79561	74.556	ng	98
43) 2,4,6-Trichlorophenol	13.134	196	55214	42.890	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.211	196	61014	42.448	ng	# 93
46) 1,1'-Biphenyl	13.528	154	156070	37.672	ng	98
47) 2-Chloronaphthalene	13.575	162	126008	37.583	ng	94
48) 2-Nitroaniline	13.769	65	39304	44.069	ng	92
49) Acenaphthylene	14.415	152	199142	38.197	ng	99
50) Dimethylphthalate	14.145	163	182365	40.261	ng	98
51) 2,6-Dinitrotoluene	14.262	165	41397	45.234	ng	# 76
52) Acenaphthene	14.756	154	149227m	44.904	ng	
53) 3-Nitroaniline	14.592	138	30297	34.171	ng	91
54) 2,4-Dinitrophenol	14.803	184	50792	98.769	ng	# 79
55) Dibenzofuran	15.091	168	209878	39.198	ng	95
56) 4-Nitrophenol	14.909	139	60058	95.410	ng	94
57) 2,4-Dinitrotoluene	15.056	165	62362	48.250	ng	# 82
58) Fluorene	15.743	166	177757	40.434	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.320	232	62841	44.705	ng	# 89
60) Diethylphthalate	15.502	149	183897	41.922	ng	97
61) 4-Chlorophenyl-phenyle...	15.731	204	110573	42.012	ng	# 88
62) 4-Nitroaniline	15.755	138	39679	42.913	ng	# 81
63) Azobenzene	16.019	77	142875	40.463	ng	89
65) 4,6-Dinitro-2-methylph...	15.825	198	38274	45.533	ng	78
66) n-Nitrosodiphenylamine	15.943	169	166010	37.806	ng	96
67) 4-Bromophenyl-phenylether	16.624	248	84650	40.227	ng	# 91
68) Hexachlorobenzene	16.754	284	95370	39.621	ng	# 90
69) Atrazine	16.889	200	84014	46.187	ng	94
70) Pentachlorophenol	17.094	266	98001	87.647	ng	94
71) Phenanthrene	17.482	178	325206	37.569	ng	98
72) Anthracene	17.576	178	328179	38.824	ng	99
73) Carbazole	17.841	167	286526	39.490	ng	98
74) Di-n-butylphthalate	18.393	149	334037	39.818	ng	# 98
75) Fluoranthene	19.492	202	424119	37.323	ng	96
77) Benzidine	19.662	184	178515	48.671	ng	98
78) Pyrene	19.850	202	422104	39.460	ng	98
80) Butylbenzylphthalate	20.731	149	136246	39.736	ng	# 87
81) Benzo(a)anthracene	21.695	228	437560	38.156	ng	99
82) 3,3'-Dichlorobenzidine	21.607	252	135669	39.598	ng	96
83) Chrysene	21.765	228	406444	37.183	ng	98
84) Bis(2-ethylhexyl)phtha...	21.595	149	195980	39.965	ng	# 95
85) Di-n-octyl phthalate	22.817	149	331052	39.278	ng	95
87) Indeno(1,2,3-cd)pyrene	28.710	276	521774	37.887	ng	98
88) Benzo(b)fluoranthene	23.939	252	458280	41.301	ng	99
89) Benzo(k)fluoranthene	24.010	252	434811m	39.578	ng	
90) Benzo(a)pyrene	24.821	252	403588	43.108	ng	100
91) Dibenzo(a,h)anthracene	28.763	278	465164	40.846	ng	# 97
92) Benzo(g,h,i)perylene	29.874	276	454179	40.412	ng	# 94

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

