

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092222\
 Data File : BG055009.D
 Acq On : 22 Sep 2022 15:16
 Operator : CG/JU
 Sample : PB147786BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147786BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/23/2022
 Supervised By : Jagrut Upadhyay 09/23/2022

Quant Time: Sep 23 03:26:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	35859	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	146480	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	102720	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	241297	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	237041	20.000	ng	0.00
86) Perylene-d12	25.038	264	256032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.596	112	295031	160.987	ng	0.00
7) Phenol-d6	7.218	99	377900	153.841	ng	0.00
23) Nitrobenzene-d5	9.233	82	213835	84.614	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	175161	145.560	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	576805	88.496	ng	0.00
79) Terphenyl-d14	20.050	244	1041404	91.901	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	30326	34.061	ng	88
3) Pyridine	3.816	79	82393	34.056	ng	# 83
4) n-Nitrosodimethylamine	3.734	42	37924	42.962	ng	83
6) Aniline	7.376	93	137833	44.863	ng	94
8) 2-Chlorophenol	7.617	128	110964	51.402	ng	93
9) Benzaldehyde	7.188	77	62213m	39.755	ng	
10) Phenol	7.247	94	132817	49.894	ng	92
11) bis(2-Chloroethyl)ether	7.465	93	96438	45.806	ng	91
12) 1,3-Dichlorobenzene	7.941	146	117296	46.583	ng	97
13) 1,4-Dichlorobenzene	8.093	146	118662	46.240	ng	97
14) 1,2-Dichlorobenzene	8.411	146	115494	47.765	ng	98
15) Benzyl Alcohol	8.299	79	87535m	48.724	ng	
16) 2,2'-oxybis(1-Chloropr...	8.581	45	108110	41.898	ng	91
17) 2-Methylphenol	8.505	107	91497	48.760	ng	98
18) Hexachloroethane	9.145	117	40540	45.962	ng	96
19) n-Nitroso-di-n-propyla...	8.863	70	74193	43.883	ng	# 89
20) 3+4-Methylphenols	8.839	107	126498	48.192	ng	96
22) Acetophenone	8.886	105	156528	45.214	ng	# 94
24) Nitrobenzene	9.280	77	108456	42.833	ng	91
25) Isophorone	9.797	82	212044	44.192	ng	95
26) 2-Nitrophenol	9.991	139	61656	46.248	ng	95
27) 2,4-Dimethylphenol	10.044	122	103824	55.165	ng	94
28) bis(2-Chloroethoxy)met...	10.273	93	129819	48.037	ng	99
29) 2,4-Dichlorophenol	10.537	162	108504	48.295	ng	97
30) 1,2,4-Trichlorobenzene	10.743	180	114660	44.285	ng	99
31) Naphthalene	10.937	128	330761	43.185	ng	99
32) Benzoic acid	10.408	122	7538m	14.708	ng	
33) 4-Chloroaniline	11.049	127	102106	32.714	ng	94
34) Hexachlorobutadiene	11.201	225	75652	43.996	ng	98
35) Caprolactam	11.824	113	36858m	45.022	ng	
36) 4-Chloro-3-methylphenol	12.171	107	110400	46.011	ng	98
37) 2-Methylnaphthalene	12.535	142	237097	43.452	ng	98
38) 1-Methylnaphthalene	12.753	142	227765	42.679	ng	99
40) 1,2,4,5-Tetrachloroben...	12.899	216	141694	47.173	ng	98
41) Hexachlorocyclopentadiene	12.876	237	48243	165.132	ng	99
43) 2,4,6-Trichlorophenol	13.146	196	77578	44.951	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	87853	44.335	ng	96
46) 1,1'-Biphenyl	13.540	154	324831	46.869	ng	97
47) 2-Chloronaphthalene	13.587	162	242627	44.781	ng	98
48) 2-Nitroaniline	13.792	65	66992	42.136	ng	85
49) Acenaphthylene	14.433	152	401489	43.850	ng	99
50) Dimethylphthalate	14.151	163	337353	43.371	ng	99
51) 2,6-Dinitrotoluene	14.280	165	73914	44.694	ng	# 83
52) Acenaphthene	14.768	154	258828m	45.881	ng	
53) 3-Nitroaniline	14.615	138	61767	34.427	ng	89
54) 2,4-Dinitrophenol	14.838	184	36209	66.213	ng	97
55) Dibenzofuran	15.103	168	388854	43.877	ng	98
56) 4-Nitrophenol	14.938	139	85183	76.328	ng	87
57) 2,4-Dinitrotoluene	15.073	165	106146	45.124	ng	# 80
58) Fluorene	15.749	166	325837	43.319	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.332	232	68274	37.621	ng	97
60) Diethylphthalate	15.508	149	331743	42.718	ng	97
61) 4-Chlorophenyl-phenylether	15.737	204	170238	44.791	ng	96
62) 4-Nitroaniline	15.778	138	77557	41.507	ng	94
63) Azobenzene	16.031	77	268022	42.197	ng	91
65) 4,6-Dinitro-2-methylph...	15.843	198	44825	37.677	ng	89
66) n-Nitrosodiphenylamine	15.955	169	296241	45.918	ng	99
67) 4-Bromophenyl-phenylether	16.630	248	122050	45.864	ng	95
68) Hexachlorobenzene	16.754	284	138857	45.425	ng	# 93
69) Atrazine	16.895	200	120109	49.050	ng	99
70) Pentachlorophenol	17.112	266	45296	60.671	ng	98
71) Phenanthrene	17.494	178	539341	43.889	ng	99
72) Anthracene	17.588	178	544240	45.399	ng	99
73) Carbazole	17.858	167	502064	45.741	ng	99
74) Di-n-butylphthalate	18.393	149	591685	43.462	ng	99
75) Fluoranthene	19.503	202	671076	43.116	ng	98
77) Benzidine	19.680	184	396790	67.563	ng	99
78) Pyrene	19.868	202	680693	43.682	ng	99
80) Butylbenzylphthalate	20.731	149	265687	43.879	ng	90
81) Benzo(a)anthracene	21.707	228	673057	44.149	ng	99
82) 3,3'-Dichlorobenzidine	21.619	252	207597	39.255	ng	97
83) Chrysene	21.777	228	629955	43.166	ng	100
84) Bis(2-ethylhexyl)phtha...	21.583	149	396321	45.633	ng	98
85) Di-n-octyl phthalate	22.811	149	665237	44.302	ng	# 90
87) Indeno(1,2,3-cd)pyrene	28.857	276	820831	43.124	ng	# 95
88) Benzo(b)fluoranthene	23.981	252	730632	48.382	ng	99
89) Benzo(k)fluoranthene	24.051	252	702857	46.103	ng	97
90) Benzo(a)pyrene	24.879	252	635383	48.863	ng	97
91) Dibenzo(a,h)anthracene	28.910	278	711285	45.396	ng	98
92) Benzo(g,h,i)perylene	30.056	276	711973	45.073	ng	96

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

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