

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125684.D
 Acq On : 28 Sep 2021 12:24
 Operator : JU/CG
 Sample : PB139114BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139114BS

Manual Integrations
 APPROVED

mohammad
 9/29/2021 12:54:53 PM

Quant Time: Sep 28 13:02:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	343806	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1448297	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	747679	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1161011	20.000	ng	0.00
76) Chrysene-d12	14.051	240	600076	20.000	ng	0.00
86) Perylene-d12	15.521	264	646802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2393215	114.686	ng	0.02
7) Phenol-d6	6.522	99	2961665	105.568	ng	0.01
23) Nitrobenzene-d5	7.457	82	1829098	88.090	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	808729	116.011	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3187367	75.030	ng	0.00
79) Terphenyl-d14	12.998	244	2629798	75.893	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	295160	33.235	ng	# 100
3) Pyridine	3.516	79	694592	29.570	ng	# 71
4) n-Nitrosodimethylamine	3.469	42	370077	42.460	ng	# 1
6) Aniline	6.551	93	1348369	41.625	ng	94
8) 2-Chlorophenol	6.675	128	1045933	44.187	ng	98
9) Benzaldehyde	6.439	77	572195	46.048	ng	93
10) Phenol	6.534	94	1153827m	40.686	ng	
11) bis(2-Chloroethyl)ether	6.628	93	953725	43.275	ng	95
12) 1,3-Dichlorobenzene	6.833	146	1058631	40.503	ng	96
13) 1,4-Dichlorobenzene	6.910	146	1073522	40.370	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1039494	41.431	ng	99
15) Benzyl Alcohol	7.033	79	787420	40.464	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1185315	42.253	ng	88
17) 2-Methylphenol	7.139	107	824886	42.497	ng	97
18) Hexachloroethane	7.404	117	384033	44.492	ng	92
19) n-Nitroso-di-n-propyla...	7.310	70	628311	39.335	ng	# 68
20) 3+4-Methylphenols	7.292	107	958676	39.285	ng	95
22) Acetophenone	7.304	105	1316925	40.072	ng	# 89
24) Nitrobenzene	7.475	77	964085	45.645	ng	97
25) Isophorone	7.716	82	1780909	38.298	ng	94
26) 2-Nitrophenol	7.786	139	533281	48.111	ng	# 91
27) 2,4-Dimethylphenol	7.822	122	935687	45.244	ng	96
28) bis(2-Chloroethoxy)met...	7.922	93	1144613	43.639	ng	98
29) 2,4-Dichlorophenol	8.028	162	852627	41.503	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	895815	40.057	ng	96
31) Naphthalene	8.198	128	2782442	37.417	ng	99
32) Benzoic acid	7.951	122	642233	43.386	ng	97
33) 4-Chloroaniline	8.239	127	873721	28.010	ng	98
34) Hexachlorobutadiene	8.316	225	485623	39.382	ng	99
35) Caprolactam	8.616	113	266774m	39.793	ng	
36) 4-Chloro-3-methylphenol	8.722	107	843665	39.191	ng	98
37) 2-Methylnaphthalene	8.886	142	1891513	37.503	ng	98
38) 1-Methylnaphthalene	8.986	142	1760164	36.928	ng	97
40) 1,2,4,5-Tetrachloroben...	9.057	216	777021	39.959	ng	98
41) Hexachlorocyclopentadiene	9.045	237	853974	103.797	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	585607	42.945	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	627261	42.606	ng	93
46) 1,1'-Biphenyl	9.351	154	2081476	37.754	ng	95
47) 2-Chloronaphthalene	9.374	162	1781395	39.027	ng	99
48) 2-Nitroaniline	9.469	65	485714	45.364	ng	89
49) Acenaphthylene	9.792	152	2617670	38.095	ng	95
50) Dimethylphthalate	9.651	163	1980692	39.324	ng	97
51) 2,6-Dinitrotoluene	9.710	165	450682	44.267	ng	94
52) Acenaphthene	9.963	154	1785108	41.435	ng	97
53) 3-Nitroaniline	9.880	138	400656	35.114	ng	96
54) 2,4-Dinitrophenol	9.986	184	391466	81.167	ng	# 69
55) Dibenzofuran	10.139	168	2353509	36.412	ng	96
56) 4-Nitrophenol	10.039	139	754327	81.300	ng	86
57) 2,4-Dinitrotoluene	10.116	165	586361	46.035	ng	# 81
58) Fluorene	10.480	166	1761752	35.018	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	470339	41.510	ng	# 89
60) Diethylphthalate	10.351	149	1856699	38.235	ng	98
61) 4-Chlorophenyl-phenyle...	10.469	204	815970	36.488	ng	88
62) 4-Nitroaniline	10.498	138	462125	40.575	ng	# 73
63) Azobenzene	10.627	77	1761803	37.576	ng	85
65) 4,6-Dinitro-2-methylph...	10.521	198	253815	45.494	ng	# 76
66) n-Nitrosodiphenylamine	10.586	169	1623688	40.739	ng	94
67) 4-Bromophenyl-phenylether	10.957	248	517493	42.472	ng	97
68) Hexachlorobenzene	11.027	284	607780	42.501	ng	# 81
69) Atrazine	11.116	200	476356	45.076	ng	93
70) Pentachlorophenol	11.216	266	636389	84.201	ng	97
71) Phenanthrene	11.439	178	2476207	38.034	ng	94
72) Anthracene	11.492	178	2495712	38.793	ng	95
73) Carbazole	11.639	167	2278539	35.988	ng	98
74) Di-n-butylphthalate	11.974	149	2451819	38.412	ng	99
75) Fluoranthene	12.627	202	2237397	32.155	ng	97
77) Benzidine	12.739	184	1019099	64.647	ng	97
78) Pyrene	12.851	202	2217535	40.891	ng	96
80) Butylbenzylphthalate	13.468	149	792257	44.116	ng	98
81) Benzo(a)anthracene	14.039	228	1587226	38.939	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	537663	45.713	ng	100
83) Chrysene	14.074	228	1602891	39.185	ng	96
84) Bis(2-ethylhexyl)phtha...	14.027	149	926354	45.059	ng	99
85) Di-n-octyl phthalate	14.639	149	1660523	55.070	ng	# 89
87) Indeno(1,2,3-cd)pyrene	17.015	276	2064857	47.030	ng	97
88) Benzo(b)fluoranthene	15.092	252	1706287	37.653	ng	98
89) Benzo(k)fluoranthene	15.121	252	1728429	39.810	ng	# 97
90) Benzo(a)pyrene	15.462	252	1741089	43.162	ng	97
91) Dibenzo(a,h)anthracene	17.039	278	1694372	46.171	ng	98
92) Benzo(g,h,i)perylene	17.474	276	1772131	47.284	ng	93

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

