

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125474.D
 Acq On : 14 Sep 2021 15:06
 Operator : JU/CG
 Sample : PB139044BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139044BS

Manual Integrations
 APPROVED

mohammad
 9/15/2021 4:27:04 PM

Quant Time: Sep 14 15:35:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 14 11:45:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	179327	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	718096	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	373109	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	668063	20.000	ng	0.00
76) Chrysene-d12	14.063	240	407172	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	308783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1309684	110.543	ng	0.02
7) Phenol-d6	6.528	99	1631985	106.506	ng	0.00
23) Nitrobenzene-d5	7.451	82	1153739	80.886	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	549092	147.429	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1986835	74.217	ng	0.00
79) Terphenyl-d14	12.998	244	2175344	85.112	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	203695	34.842	ng	# 100
3) Pyridine	3.540	79	478571	31.009	ng	# 90
4) n-Nitrosodimethylamine	3.504	42	321350	41.610	ng	# 38
6) Aniline	6.545	93	658909	36.608	ng	# 87
8) 2-Chlorophenol	6.669	128	526442	43.557	ng	80
9) Benzaldehyde	6.434	77	384419	35.748	ng	93
10) Phenol	6.540	94	647863	40.374	ng	# 59
11) bis(2-Chloroethyl)ether	6.616	93	550720	43.578	ng	83
12) 1,3-Dichlorobenzene	6.816	146	586729	41.892	ng	98
13) 1,4-Dichlorobenzene	6.893	146	582457	41.737	ng	96
14) 1,2-Dichlorobenzene	7.045	146	569491	43.376	ng	99
15) Benzyl Alcohol	7.028	79	486095	41.202	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	988603	39.007	ng	87
17) 2-Methylphenol	7.140	107	452181	44.537	ng	# 88
18) Hexachloroethane	7.387	117	216454	44.294	ng	# 87
19) n-Nitroso-di-n-propyla...	7.298	70	380692	41.306	ng	# 78
20) 3+4-Methylphenols	7.292	107	498850	39.142	ng	# 75
22) Acetophenone	7.287	105	743290	40.219	ng	# 86
24) Nitrobenzene	7.463	77	614506	39.538	ng	# 87
25) Isophorone	7.704	82	1115297	40.532	ng	# 89
26) 2-Nitrophenol	7.781	139	300217	48.375	ng	# 83
27) 2,4-Dimethylphenol	7.816	122	485985	44.730	ng	88
28) bis(2-Chloroethoxy)met...	7.910	93	672358	44.131	ng	# 97
29) 2,4-Dichlorophenol	8.028	162	467208	42.166	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	502990	41.629	ng	93
31) Naphthalene	8.187	128	1428825	38.852	ng	99
32) Benzoic acid	7.975	122	322747	43.767	ng	89
33) 4-Chloroaniline	8.234	127	492125	33.944	ng	# 90
34) Hexachlorobutadiene	8.292	225	324137	42.072	ng	99
35) Caprolactam	8.628	113	139501m	48.607	ng	
36) 4-Chloro-3-methylphenol	8.728	107	490976	43.405	ng	91
37) 2-Methylnaphthalene	8.875	142	989736	40.727	ng	100
38) 1-Methylnaphthalene	8.975	142	919497	40.518	ng	94
40) 1,2,4,5-Tetrachloroben...	9.045	216	511746	41.980	ng	98
41) Hexachlorocyclopentadiene	9.028	237	491579	76.755	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	347528	40.489	ng	97

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44) 2,4,5-Trichlorophenol	9.204	196	367952	40.747	ng	94
46) 1,1'-Biphenyl	9.345	154	1153709	38.354	ng	99
47) 2-Chloronaphthalene	9.369	162	946381	38.716	ng	98
48) 2-Nitroaniline	9.469	65	349582	46.135	ng #	83
49) Acenaphthylene	9.786	152	1403028	39.389	ng	98
50) Dimethylphthalate	9.645	163	1128715	43.654	ng #	97
51) 2,6-Dinitrotoluene	9.710	165	248955	44.405	ng #	80
52) Acenaphthene	9.957	154	841844	38.124	ng	99
53) 3-Nitroaniline	9.886	138	224808	37.182	ng	84
54) 2,4-Dinitrophenol	9.998	184	292609	132.128	ng #	82
55) Dibenzofuran	10.128	168	1210179	38.081	ng	98
56) 4-Nitrophenol	10.063	139	347262	72.529	ng #	79
57) 2,4-Dinitrotoluene	10.122	165	316700	46.673	ng #	95
58) Fluorene	10.475	166	971957	41.369	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	289572	43.211	ng #	85
60) Diethylphthalate	10.345	149	1082674	42.952	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	505677	42.569	ng #	86
62) 4-Nitroaniline	10.510	138	267445	49.191	ng #	83
63) Azobenzene	10.622	77	1078945	38.161	ng	91
65) 4,6-Dinitro-2-methylph...	10.533	198	194267	54.943	ng #	77
66) n-Nitrosodiphenylamine	10.586	169	926610	38.736	ng	96
67) 4-Bromophenyl-phenylether	10.951	248	344332	42.922	ng	93
68) Hexachlorobenzene	11.022	284	377379	45.728	ng #	84
69) Atrazine	11.116	200	319021	46.476	ng	91
70) Pentachlorophenol	11.222	266	364154	75.570	ng	92
71) Phenanthrene	11.439	178	1438412	39.076	ng	97
72) Anthracene	11.492	178	1472867	40.594	ng	98
73) Carbazole	11.645	167	1280307	38.615	ng	100
74) Di-n-butylphthalate	11.969	149	1610310	40.927	ng	100
75) Fluoranthene	12.627	202	1507927	41.285	ng	96
77) Benzidine	12.751	184	754632	53.067	ng	98
78) Pyrene	12.863	202	1511430	43.274	ng	97
80) Butylbenzylphthalate	13.469	149	620206	45.191	ng	91
81) Benzo(a)anthracene	14.051	228	1211532	41.297	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	387280	42.587	ng #	98
83) Chrysene	14.086	228	1161408	40.031	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	807250	42.796	ng #	98
85) Di-n-octyl phthalate	14.639	149	1228415	39.156	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	1033679	46.467	ng #	89
88) Benzo(b)fluoranthene	15.110	252	1043652	46.263	ng #	94
89) Benzo(k)fluoranthene	15.145	252	938118	44.564	ng	99
90) Benzo(a)pyrene	15.486	252	934238	46.883	ng #	96
91) Dibenzo(a,h)anthracene	17.074	278	863429	44.903	ng #	95
92) Benzo(g,h,i)perylene	17.515	276	893637	48.199	ng #	89

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

