

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125650.D
 Acq On : 25 Sep 2021 11:42
 Operator : JU/CG
 Sample : PB139337BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139337BS

Manual Integrations
 APPROVED

mohammad
 9/27/2021 3:05:13 PM

Quant Time: Sep 27 01:20:46 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	6.893	152	206737	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	857453	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	455018	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	787779	20.000	ng	0.00
76) Chrysene-d12	14.051	240	433190	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	406336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1589767	126.695	ng	0.02
7) Phenol-d6	6.516	99	1959975	116.182	ng	0.00
23) Nitrobenzene-d5	7.451	82	1190320	96.828	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	580640	136.864	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2259397	90.010	ng	0.00
79) Terphenyl-d14	12.998	244	2103425	84.088	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	202301	37.882	ng	# 100
3) Pyridine	3.522	79	461193	32.651	ng	# 71
4) n-Nitrosodimethylamine	3.475	42	237817	45.376	ng	# 3
6) Aniline	6.551	93	797276	40.931	ng	94
8) 2-Chlorophenol	6.675	128	677972	47.632	ng	99
9) Benzaldehyde	6.440	77	328113	43.382	ng	93
10) Phenol	6.528	94	755503m	44.304	ng	
11) bis(2-Chloroethyl)ether	6.628	93	590847	44.585	ng	95
12) 1,3-Dichlorobenzene	6.834	146	694408	44.183	ng	96
13) 1,4-Dichlorobenzene	6.910	146	697976	43.650	ng	99
14) 1,2-Dichlorobenzene	7.063	146	674208	44.689	ng	98
15) Benzyl Alcohol	7.028	79	511032	43.672	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.163	45	732510	43.424	ng	87
17) 2-Methylphenol	7.140	107	525072	44.986	ng	96
18) Hexachloroethane	7.404	117	245574	47.314	ng	94
19) n-Nitroso-di-n-propyla...	7.304	70	392897	40.905	ng	# 69
20) 3+4-Methylphenols	7.293	107	631969	43.067	ng	94
22) Acetophenone	7.298	105	857214	44.057	ng	# 91
24) Nitrobenzene	7.469	77	620232	49.599	ng	97
25) Isophorone	7.710	82	1109810	40.311	ng	93
26) 2-Nitrophenol	7.787	139	344407	51.960	ng	92
27) 2,4-Dimethylphenol	7.822	122	596351	48.706	ng	96
28) bis(2-Chloroethoxy)met...	7.922	93	715428	46.071	ng	99
29) 2,4-Dichlorophenol	8.028	162	557938	45.873	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	572469	43.237	ng	98
31) Naphthalene	8.198	128	1869493	42.463	ng	99
32) Benzoic acid	7.945	122	424306	47.416	ng	98
33) 4-Chloroaniline	8.239	127	612763	33.181	ng	98
34) Hexachlorobutadiene	8.316	225	315887	43.270	ng	99
35) Caprolactam	8.610	113	182859m	46.071	ng	
36) 4-Chloro-3-methylphenol	8.722	107	558960	43.858	ng	99
37) 2-Methylnaphthalene	8.887	142	1259131	42.168	ng	98
38) 1-Methylnaphthalene	8.986	142	1168254	41.399	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	512329	43.293	ng	98
41) Hexachlorocyclopentadiene	9.045	237	547202	109.288	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	398063	47.967	ng	97

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44) 2,4,5-Trichlorophenol	9.198	196	418833	46.746	ng	91
46) 1,1'-Biphenyl	9.351	154	1415403	42.185	ng	99
47) 2-Chloronaphthalene	9.375	162	1190620	42.861	ng	98
48) 2-Nitroaniline	9.469	65	326582	49.685	ng	88
49) Acenaphthylene	9.792	152	1804190	43.145	ng	98
50) Dimethylphthalate	9.651	163	1334092	43.522	ng	98
51) 2,6-Dinitrotoluene	9.710	165	307235	49.092	ng	90
52) Acenaphthene	9.963	154	1224988	46.722	ng	95
53) 3-Nitroaniline	9.875	138	284685	40.472	ng	89
54) 2,4-Dinitrophenol	9.981	184	297888	94.312	ng	# 82
55) Dibenzofuran	10.133	168	1641244	41.724	ng	97
56) 4-Nitrophenol	10.034	139	568845	100.742	ng	88
57) 2,4-Dinitrotoluene	10.110	165	411342	52.332	ng	# 89
58) Fluorene	10.481	166	1221144	39.884	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	328284	47.608	ng	# 90
60) Diethylphthalate	10.351	149	1286584	43.536	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	552946	40.630	ng	90
62) 4-Nitroaniline	10.492	138	340387	48.710	ng	# 78
63) Azobenzene	10.628	77	1168291	40.944	ng	85
65) 4,6-Dinitro-2-methylph...	10.522	198	186444	48.507	ng	# 66
66) n-Nitrosodiphenylamine	10.586	169	1134978	41.969	ng	96
67) 4-Bromophenyl-phenylether	10.957	248	355408	42.989	ng	97
68) Hexachlorobenzene	11.028	284	422251	43.517	ng	# 81
69) Atrazine	11.110	200	353293	49.270	ng	95
70) Pentachlorophenol	11.216	266	491396	95.820	ng	95
71) Phenanthrene	11.439	178	1823272	41.273	ng	96
72) Anthracene	11.492	178	1862900	42.676	ng	98
73) Carbazole	11.639	167	1730829	40.289	ng	99
74) Di-n-butylphthalate	11.975	149	1861446	42.979	ng	99
75) Fluoranthene	12.622	202	1781600	37.735	ng	97
77) Benzidine	12.739	184	613125	53.877	ng	97
78) Pyrene	12.851	202	1787697	45.664	ng	96
80) Butylbenzylphthalate	13.469	149	603022	46.514	ng	99
81) Benzo(a)anthracene	14.039	228	1241618	42.195	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	437258	51.499	ng	98
83) Chrysene	14.074	228	1241494	42.042	ng	96
84) Bis(2-ethylhexyl)phtha...	14.027	149	665230	44.824	ng	99
85) Di-n-octyl phthalate	14.639	149	1088588	50.011	ng	# 88
87) Indeno(1,2,3-cd)pyrene	17.010	276	1353776	49.081	ng	96
88) Benzo(b)fluoranthene	15.092	252	1244921	43.729	ng	97
89) Benzo(k)fluoranthene	15.121	252	1211243m	44.407	ng	
90) Benzo(a)pyrene	15.463	252	1206894	47.625	ng	97
91) Dibenzo(a,h)anthracene	17.033	278	1141638	49.520	ng	96
92) Benzo(g,h,i)perylene	17.462	276	1169460	49.669	ng	91

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

