

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125725.D
 Acq On : 30 Sep 2021 10:20
 Operator : JU/CG
 Sample : PB139476BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139476BS

Manual Integrations
 APPROVED

mohammad
 10/1/2021 11:28:41 AM

Quant Time: Sep 30 10:50:57 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	252768	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1043548	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	549435	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	880225	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	460554	20.000	ng	0.00
86) Perylene-d12	15.515	264	417445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1910283	124.514	ng	0.02
7) Phenol-d6	6.522	99	2369542	114.882	ng	0.01
23) Nitrobenzene-d5	7.451	82	1449502	96.884	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	681987	133.129	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2613681	85.564	ng	0.00
79) Terphenyl-d14	12.998	244	2440613	91.771	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	230535	35.308	ng	# 100
3) Pyridine	3.504	79	539710	31.252	ng	# 70
4) n-Nitrosodimethylamine	3.457	42	269496	42.056	ng	# 1
6) Aniline	6.551	93	1043795	43.828	ng	94
8) 2-Chlorophenol	6.675	128	796772	45.784	ng	99
9) Benzaldehyde	6.439	77	445346	49.417	ng	93
10) Phenol	6.534	94	879433m	42.180	ng	
11) bis(2-Chloroethyl)ether	6.622	93	719443	44.402	ng	98
12) 1,3-Dichlorobenzene	6.834	146	805227	41.903	ng	96
13) 1,4-Dichlorobenzene	6.910	146	820655	41.976	ng	98
14) 1,2-Dichlorobenzene	7.063	146	791414	42.904	ng	99
15) Benzyl Alcohol	7.028	79	600818	41.994	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	881045	42.718	ng	88
17) 2-Methylphenol	7.139	107	625698	43.845	ng	95
18) Hexachloroethane	7.404	117	287127	45.246	ng	93
19) n-Nitroso-di-n-propyla...	7.304	70	466260	39.703	ng	# 68
20) 3+4-Methylphenols	7.292	107	726045	40.468	ng	95
22) Acetophenone	7.298	105	977808	41.293	ng	# 91
24) Nitrobenzene	7.469	77	734992	48.295	ng	96
25) Isophorone	7.710	82	1332984	39.783	ng	93
26) 2-Nitrophenol	7.786	139	406769	50.595	ng	# 93
27) 2,4-Dimethylphenol	7.822	122	714351	47.939	ng	96
28) bis(2-Chloroethoxy)met...	7.922	93	871522	46.115	ng	97
29) 2,4-Dichlorophenol	8.028	162	649227	43.860	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	681035	42.264	ng	97
31) Naphthalene	8.198	128	2166395	40.432	ng	99
32) Benzoic acid	7.945	122	486952	45.204	ng	98
33) 4-Chloroaniline	8.239	127	703981	31.322	ng	98
34) Hexachlorobutadiene	8.316	225	366154	41.211	ng	98
35) Caprolactam	8.610	113	209506m	43.372	ng	
36) 4-Chloro-3-methylphenol	8.716	107	646409	41.675	ng	98
37) 2-Methylnaphthalene	8.886	142	1472060	40.507	ng	99
38) 1-Methylnaphthalene	8.986	142	1365468	39.758	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	591975	41.427	ng	99
41) Hexachlorocyclopentadiene	9.045	237	709145	117.293	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	454218	45.328	ng	98

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44) 2,4,5-Trichlorophenol	9.198	196	489214	45.218	ng	93
46) 1,1'-Biphenyl	9.351	154	1637775	40.425	ng	97
47) 2-Chloronaphthalene	9.375	162	1387909	41.377	ng	98
48) 2-Nitroaniline	9.469	65	370360	46.915	ng	84
49) Acenaphthylene	9.792	152	2062423	40.845	ng	97
50) Dimethylphthalate	9.651	163	1554715	42.004	ng	98
51) 2,6-Dinitrotoluene	9.710	165	357055	47.403	ng	# 88
52) Acenaphthene	9.963	154	1386357	43.790	ng	97
53) 3-Nitroaniline	9.875	138	328082	38.769	ng	89
54) 2,4-Dinitrophenol	9.980	184	312925	85.916	ng	# 78
55) Dibenzofuran	10.133	168	1871857	39.409	ng	97
56) 4-Nitrophenol	10.033	139	609266	89.359	ng	88
57) 2,4-Dinitrotoluene	10.110	165	476746	50.423	ng	# 85
58) Fluorene	10.475	166	1394338	37.715	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	372485	44.735	ng	# 90
60) Diethylphthalate	10.351	149	1485634	41.632	ng	98
61) 4-Chlorophenyl-phenyle...	10.469	204	638548	38.857	ng	# 86
62) 4-Nitroaniline	10.492	138	372491	44.321	ng	# 74
63) Azobenzene	10.627	77	1357574	39.401	ng	84
65) 4,6-Dinitro-2-methylph...	10.516	198	203583	47.609	ng	# 81
66) n-Nitrosodiphenylamine	10.586	169	1295891	42.886	ng	95
67) 4-Bromophenyl-phenylether	10.957	248	406752	44.032	ng	96
68) Hexachlorobenzene	11.027	284	482677	44.520	ng	# 80
69) Atrazine	11.110	200	404396	50.473	ng	94
70) Pentachlorophenol	11.216	266	529063	92.330	ng	95
71) Phenanthrene	11.439	178	2024587	41.017	ng	97
72) Anthracene	11.486	178	2084336	42.734	ng	97
73) Carbazole	11.639	167	1871554	38.989	ng	98
74) Di-n-butylphthalate	11.969	149	2108048	43.561	ng	99
75) Fluoranthene	12.621	202	1931906	36.621	ng	96
77) Benzidine	12.739	184	1238404	102.357	ng	97
78) Pyrene	12.851	202	1958908	47.065	ng	96
80) Butylbenzylphthalate	13.468	149	695785	50.481	ng	97
81) Benzo(a)anthracene	14.039	228	1323599	42.308	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	384522	42.597	ng	98
83) Chrysene	14.074	228	1298541	41.361	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	752287	47.678	ng	# 97
85) Di-n-octyl phthalate	14.639	149	1141329	49.318	ng	# 89
87) Indeno(1,2,3-cd)pyrene	17.009	276	1400654	49.429	ng	97
88) Benzo(b)fluoranthene	15.086	252	1225914	41.916	ng	98
89) Benzo(k)fluoranthene	15.121	252	1123895	40.108	ng	97
90) Benzo(a)pyrene	15.457	252	1169779	44.932	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	1162228	49.071	ng	98
92) Benzo(g,h,i)perylene	17.456	276	1216605	50.297	ng	94

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

