

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125585.D
 Acq On : 23 Sep 2021 11:13
 Operator : JU/CG
 Sample : PB139286BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139286BS

Manual Integrations
 APPROVED

mohammad
 9/24/2021 5:29:56 PM

Quant Time: Sep 23 11:43:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 19:21:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	305134	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1303671	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	680595	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	1116777	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	627336	20.000	ng	0.00
86) Perylene-d12	15.539	264	569459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2075879	107.583	ng	0.02
7) Phenol-d6	6.528	99	2500384	100.504	ng	0.00
23) Nitrobenzene-d5	7.463	82	1569928	76.809	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	729885	109.490	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2904360	76.068	ng	0.00
79) Terphenyl-d14	13.010	244	2729713	70.265	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	253640	32.603	ng	# 100
3) Pyridine	3.528	79	599118	28.740	ng	# 73
4) n-Nitrosodimethylamine	3.487	42	312020	37.949	ng	# 1
6) Aniline	6.563	93	1099820	38.399	ng	94
8) 2-Chlorophenol	6.681	128	887994	40.300	ng	98
9) Benzaldehyde	6.445	77	507619	42.550	ng	93
10) Phenol	6.539	94	957894m	37.828	ng	
11) bis(2-Chloroethyl)ether	6.634	93	808549	39.938	ng	98
12) 1,3-Dichlorobenzene	6.839	146	900839	38.039	ng	97
13) 1,4-Dichlorobenzene	6.916	146	913111	38.145	ng	98
14) 1,2-Dichlorobenzene	7.069	146	892595	39.925	ng	99
15) Benzyl Alcohol	7.039	79	678821	38.128	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1065782	38.261	ng	88
17) 2-Methylphenol	7.145	107	696127	39.579	ng	97
18) Hexachloroethane	7.416	117	333658	39.147	ng	# 88
19) n-Nitroso-di-n-propyla...	7.316	70	543197	36.481	ng	# 69
20) 3+4-Methylphenols	7.298	107	808975	36.992	ng	95
22) Acetophenone	7.310	105	1131058	37.498	ng	# 90
24) Nitrobenzene	7.481	77	823029	37.999	ng	98
25) Isophorone	7.722	82	1552608	35.298	ng	93
26) 2-Nitrophenol	7.792	139	451629	46.307	ng	# 90
27) 2,4-Dimethylphenol	7.828	122	808773	41.377	ng	95
28) bis(2-Chloroethoxy)met...	7.928	93	1009330	39.939	ng	97
29) 2,4-Dichlorophenol	8.033	162	735605	37.227	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	773674	37.151	ng	98
31) Naphthalene	8.204	128	2451572	36.616	ng	99
32) Benzoic acid	7.957	122	543489	45.794	ng	98
33) 4-Chloroaniline	8.245	127	797270	29.052	ng	98
34) Hexachlorobutadiene	8.322	225	427046	36.366	ng	99
35) Caprolactam	8.622	113	226071m	41.717	ng	
36) 4-Chloro-3-methylphenol	8.728	107	725130	37.357	ng	99
37) 2-Methylnaphthalene	8.892	142	1668404	36.790	ng	98
38) 1-Methylnaphthalene	8.992	142	1548896	36.402	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	664577	36.265	ng	98
41) Hexachlorocyclopentadiene	9.051	237	838477	81.817	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	540034	39.113	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	551232	38.043	ng	92
46) 1,1'-Biphenyl	9.357	154	1872188	36.509	ng	96
47) 2-Chloronaphthalene	9.386	162	1559137	36.606	ng	98
48) 2-Nitroaniline	9.475	65	415744	45.744	ng	93
49) Acenaphthylene	9.804	152	2306642	36.850	ng	96
50) Dimethylphthalate	9.663	163	1780596	38.014	ng	98
51) 2,6-Dinitrotoluene	9.722	165	399383	42.857	ng	# 86
52) Acenaphthene	9.975	154	1563845	39.578	ng	96
53) 3-Nitroaniline	9.886	138	349780	35.341	ng	89
54) 2,4-Dinitrophenol	9.992	184	346600	103.237	ng	# 78
55) Dibenzofuran	10.145	168	2085848	35.573	ng	100
56) 4-Nitrophenol	10.045	139	661065	82.336	ng	89
57) 2,4-Dinitrotoluene	10.122	165	526902	47.180	ng	# 86
58) Fluorene	10.486	166	1543509	34.226	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.257	232	423957	38.956	ng	# 89
60) Diethylphthalate	10.363	149	1744822	37.796	ng	98
61) 4-Chlorophenyl-phenyle...	10.480	204	721478	35.972	ng	88
62) 4-Nitroaniline	10.504	138	408081	45.626	ng	# 77
63) Azobenzene	10.639	77	1593746	35.531	ng	86
65) 4,6-Dinitro-2-methylph...	10.527	198	235834	43.502	ng	# 84
66) n-Nitrosodiphenylamine	10.598	169	1459109	35.987	ng	95
67) 4-Bromophenyl-phenylether	10.969	248	467739	36.650	ng	99
68) Hexachlorobenzene	11.033	284	542539	37.721	ng	90
69) Atrazine	11.121	200	472375	43.323	ng	94
70) Pentachlorophenol	11.227	266	601852	73.394	ng	95
71) Phenanthrene	11.451	178	2214442	35.300	ng	94
72) Anthracene	11.504	178	2310450	36.949	ng	96
73) Carbazole	11.651	167	2088593	35.315	ng	98
74) Di-n-butylphthalate	11.986	149	2478911	35.318	ng	99
75) Fluoranthene	12.639	202	2201660	35.774	ng	98
77) Benzidine	12.757	184	1194409	67.147	ng	98
78) Pyrene	12.868	202	2191891	37.284	ng	95
80) Butylbenzylphthalate	13.480	149	939245	39.539	ng	95
81) Benzo(a)anthracene	14.051	228	1561131	36.557	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	517394	39.543	ng	97
83) Chrysene	14.092	228	1630745	37.803	ng	95
84) Bis(2-ethylhexyl)phtha...	14.045	149	1151594	39.655	ng	99
85) Di-n-octyl phthalate	14.657	149	1954381	40.475	ng	# 89
87) Indeno(1,2,3-cd)pyrene	17.039	276	1691339	41.374	ng	97
88) Benzo(b)fluoranthene	15.109	252	1568613	37.664	ng	97
89) Benzo(k)fluoranthene	15.139	252	1494012m	39.224	ng	
90) Benzo(a)pyrene	15.480	252	1488674	41.069	ng	97
91) Dibenzo(a,h)anthracene	17.056	278	1421839	41.039	ng	98
92) Benzo(g,h,i)perylene	17.492	276	1403084	41.032	ng	93

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

