

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102521\
 Data File : BF125919.D
 Acq On : 25 Oct 2021 16:01
 Operator : JU/CG
 Sample : SSTDIC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC060

Manual Integrations
 APPROVED

mohammad
 10/26/2021 11:33:18 AM

Quant Time: Oct 25 17:26:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 17:23:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	152453	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	557868	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	302738	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	528682	20.000	ng	0.00
76) Chrysene-d12	14.033	240	250971	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	242364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1069185	114.570	ng	0.00
7) Phenol-d6	6.504	99	1373217	114.305	ng	0.01
23) Nitrobenzene-d5	7.439	82	1284779	143.156	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	306641	102.591	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1864380	106.221	ng	0.00
79) Terphenyl-d14	12.980	244	1798138	109.137	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	273308	68.782	ng	# 100
3) Pyridine	3.404	79	746523	72.617	ng	# 81
4) n-Nitrosodimethylamine	3.346	42	482928	130.510	ng	# 78
6) Aniline	6.539	93	909578	65.761	ng	# 89
8) 2-Chlorophenol	6.657	128	531715	52.020	ng	# 70
9) Benzaldehyde	6.422	77	421138	64.594	ng	92
10) Phenol	6.516	94	689170m	58.991	ng	
11) bis(2-Chloroethyl)ether	6.610	93	571231	60.347	ng	# 76
12) 1,3-Dichlorobenzene	6.816	146	587504	52.687	ng	# 93
13) 1,4-Dichlorobenzene	6.892	146	596997	52.499	ng	95
14) 1,2-Dichlorobenzene	7.045	146	534249m	50.163	ng	
15) Benzyl Alcohol	7.016	79	577023	72.474	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1438786	118.851	ng	95
17) 2-Methylphenol	7.122	107	486465	59.783	ng	# 94
18) Hexachloroethane	7.386	117	231841	59.206	ng	94
19) n-Nitroso-di-n-propyla...	7.298	70	424732	66.972	ng	# 95
20) 3+4-Methylphenols	7.275	107	540662	53.876	ng	90
22) Acetophenone	7.286	105	751364	61.268	ng	# 82
24) Nitrobenzene	7.457	77	641375	73.740	ng	# 85
25) Isophorone	7.704	82	1166542	73.368	ng	# 87
26) 2-Nitrophenol	7.769	139	245677	55.858	ng	# 58
27) 2,4-Dimethylphenol	7.804	122	439923	60.063	ng	# 83
28) bis(2-Chloroethoxy)met...	7.904	93	696317	63.093	ng	# 96
29) 2,4-Dichlorophenol	8.010	162	442591	56.094	ng	91
30) 1,2,4-Trichlorobenzene	8.098	180	497386	57.486	ng	97
31) Naphthalene	8.181	128	1490319	55.252	ng	99
32) Benzoic acid	7.934	122	368881	71.622	ng	# 83
33) 4-Chloroaniline	8.222	127	634446	56.203	ng	# 85
34) Hexachlorobutadiene	8.298	225	318094	65.817	ng	99
35) Caprolactam	8.610	113	147220	64.578	ng	# 13
36) 4-Chloro-3-methylphenol	8.704	107	514828	66.787	ng	89
37) 2-Methylnaphthalene	8.869	142	950448	54.408	ng	91
38) 1-Methylnaphthalene	8.969	142	921579	54.367	ng	92
40) 1,2,4,5-Tetrachloroben...	9.033	216	447378	55.061	ng	98
41) Hexachlorocyclopentadiene	9.028	237	267080	66.975	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	324579	55.117	ng	93

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44) 2,4,5-Trichlorophenol	9.180	196	347430	55.484	ng	97
46) 1,1'-Biphenyl	9.333	154	1170759	52.600	ng	99
47) 2-Chloronaphthalene	9.357	162	890168	49.256	ng	94
48) 2-Nitroaniline	9.451	65	394917	91.024	ng	# 72
49) Acenaphthylene	9.775	152	1340808	50.661	ng	98
50) Dimethylphthalate	9.639	163	1008097	50.584	ng	97
51) 2,6-Dinitrotoluene	9.692	165	229232	56.906	ng	# 65
52) Acenaphthene	9.945	154	887676	53.685	ng	99
53) 3-Nitroaniline	9.863	138	255045	53.546	ng	# 66
54) 2,4-Dinitrophenol	9.957	184	90170	52.735	ng	# 61
55) Dibenzofuran	10.116	168	1286494	51.938	ng	99
56) 4-Nitrophenol	10.010	139	203030	57.183	ng	# 63
57) 2,4-Dinitrotoluene	10.092	165	294071	57.737	ng	# 82
58) Fluorene	10.457	166	888776	48.991	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	280064	59.255	ng	# 91
60) Diethylphthalate	10.333	149	1033857	54.370	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	447138	51.170	ng	91
62) 4-Nitroaniline	10.475	138	238247	54.130	ng	93
63) Azobenzene	10.610	77	1200980	67.191	ng	93
65) 4,6-Dinitro-2-methylph...	10.498	198	147594	55.967	ng	# 78
66) n-Nitrosodiphenylamine	10.569	169	842116	46.694	ng	95
67) 4-Bromophenyl-phenylether	10.939	248	313192	53.490	ng	97
68) Hexachlorobenzene	11.004	284	322729	48.639	ng	93
69) Atrazine	11.098	200	275941	52.715	ng	92
70) Pentachlorophenol	11.192	266	203007	57.234	ng	94
71) Phenanthrene	11.422	178	1432057	50.626	ng	98
72) Anthracene	11.469	178	1450659	51.347	ng	98
73) Carbazole	11.621	167	1347800	51.260	ng	99
74) Di-n-butylphthalate	11.957	149	1467426	50.553	ng	99
75) Fluoranthene	12.604	202	1396805	54.726	ng	97
77) Benzidine	12.721	184	390143	42.480	ng	97
78) Pyrene	12.833	202	1407490	55.202	ng	96
80) Butylbenzylphthalate	13.457	149	479851	58.714	ng	# 85
81) Benzo(a)anthracene	14.021	228	934204	57.374	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	307828	59.833	ng	100
83) Chrysene	14.057	228	956450	59.429	ng	98
84) Bis(2-ethylhexyl)phtha...	14.021	149	485054	54.545	ng	99
85) Di-n-octyl phthalate	14.633	149	805217	54.348	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.974	276	1167483	63.114	ng	# 90
88) Benzo(b)fluoranthene	15.068	252	843612	61.653	ng	# 96
89) Benzo(k)fluoranthene	15.104	252	793291	56.468	ng	99
90) Benzo(a)pyrene	15.439	252	723930	59.743	ng	# 94
91) Dibenzo(a,h)anthracene	16.992	278	930536	60.983	ng	# 94
92) Benzo(g,h,i)perylene	17.415	276	1002087	64.308	ng	# 90

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

