

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
 Data File : BF125070.D
 Acq On : 17 Aug 2021 14:10
 Operator : JU/CG
 Sample : SSTDIC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC050

Manual Integrations
 APPROVED

mohammad
 8/18/2021 4:31:11 PM

Quant Time: Aug 17 15:34:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 17 14:08:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	170398	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	623872	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	285995	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	500093	20.000	ng	0.00
76) Chrysene-d12	14.086	240	276578	20.000	ng	0.00
86) Perylene-d12	15.580	264	205368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1004879	96.604	ng	0.00
7) Phenol-d6	6.545	99	1224669	93.370	ng	0.00
23) Nitrobenzene-d5	7.486	82	1088792	91.297	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	265185	103.788	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1641021	83.960	ng	0.00
79) Terphenyl-d14	13.033	244	1544090	94.173	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	265598	68.249	ng	# 100
3) Pyridine	3.504	79	727097	80.407	ng	88
4) n-Nitrosodimethylamine	3.469	42	396035	61.673	ng	# 52
6) Aniline	6.586	93	808855	58.380	ng	# 93
8) 2-Chlorophenol	6.710	128	506107	44.355	ng	83
9) Benzaldehyde	6.475	77	440761	61.766	ng	94
10) Phenol	6.557	94	647339	47.832	ng	94
11) bis(2-Chloroethyl)ether	6.657	93	527258	51.933	ng	# 79
12) 1,3-Dichlorobenzene	6.863	146	530041m	42.679	ng	
13) 1,4-Dichlorobenzene	6.939	146	544715	43.875	ng	93
14) 1,2-Dichlorobenzene	7.098	146	489075	42.035	ng	97
15) Benzyl Alcohol	7.063	79	522199	55.194	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	1194173	73.416	ng	98
17) 2-Methylphenol	7.163	107	460231	53.885	ng	97
18) Hexachloroethane	7.439	117	208478	42.891	ng	96
19) n-Nitroso-di-n-propyla...	7.339	70	395455	50.812	ng	# 84
20) 3+4-Methylphenols	7.322	107	538330	47.480	ng	94
22) Acetophenone	7.333	105	698855	45.739	ng	93
24) Nitrobenzene	7.504	77	605853	52.501	ng	# 87
25) Isophorone	7.745	82	1110767	54.571	ng	# 88
26) 2-Nitrophenol	7.822	139	246192	42.012	ng	# 81
27) 2,4-Dimethylphenol	7.851	122	430955	51.879	ng	89
28) bis(2-Chloroethoxy)met...	7.951	93	580258	50.089	ng	# 97
29) 2,4-Dichlorophenol	8.057	162	405850	43.852	ng	95
30) 1,2,4-Trichlorobenzene	8.145	180	419845	40.480	ng	99
31) Naphthalene	8.227	128	1365354	42.596	ng	99
32) Benzoic acid	7.969	122	332576	77.458	ng	87
33) 4-Chloroaniline	8.275	127	569951	47.715	ng	# 91
34) Hexachlorobutadiene	8.345	225	237972	38.421	ng	99
35) Caprolactam	8.651	113	138069	56.179	ng	# 46
36) 4-Chloro-3-methylphenol	8.745	107	474428	49.005	ng	87
37) 2-Methylnaphthalene	8.922	142	914501	42.434	ng	100
38) 1-Methylnaphthalene	9.022	142	850125	42.158	ng	97
40) 1,2,4,5-Tetrachloroben...	9.086	216	366600	44.658	ng	97
41) Hexachlorocyclopentadiene	9.075	237	193625	97.117	ng	99
43) 2,4,6-Trichlorophenol	9.192	196	275800	50.469	ng	98

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44) 2,4,5-Trichlorophenol	9.227	196	286954	51.873	ng	96
46) 1,1'-Biphenyl	9.386	154	1054461	49.477	ng	98
47) 2-Chloronaphthalene	9.410	162	799682	47.163	ng	97
48) 2-Nitroaniline	9.498	65	315447	63.333	ng #	77
49) Acenaphthylene	9.827	152	1327831	51.555	ng	99
50) Dimethylphthalate	9.686	163	895841	46.223	ng	98
51) 2,6-Dinitrotoluene	9.745	165	202247	46.864	ng #	78
52) Acenaphthene	9.998	154	813337	52.090	ng	97
53) 3-Nitroaniline	9.916	138	251515	55.333	ng	89
54) 2,4-Dinitrophenol	10.016	184	86433	45.891	ng #	76
55) Dibenzofuran	10.169	168	1178552	48.298	ng	97
56) 4-Nitrophenol	10.057	139	208859	69.706	ng #	75
57) 2,4-Dinitrotoluene	10.145	165	252910	43.165	ng #	88
58) Fluorene	10.510	166	841282	44.963	ng	91
59) 2,3,4,6-Tetrachlorophenol	10.280	232	217499	52.403	ng #	99
60) Diethylphthalate	10.380	149	970594	48.801	ng	98
61) 4-Chlorophenyl-phenyle...	10.504	204	386292	43.719	ng	90
62) 4-Nitroaniline	10.527	138	230409	52.210	ng #	84
63) Azobenzene	10.663	77	1084003	55.735	ng	92
65) 4,6-Dinitro-2-methylph...	10.551	198	117893	37.630	ng	85
66) n-Nitrosodiphenylamine	10.621	169	778577	48.035	ng	96
67) 4-Bromophenyl-phenylether	10.992	248	236984	43.265	ng	92
68) Hexachlorobenzene	11.057	284	261650	43.907	ng #	88
69) Atrazine	11.145	200	211709	43.467	ng	93
70) Pentachlorophenol	11.245	266	171466	67.314	ng	94
71) Phenanthrene	11.474	178	1187051	43.757	ng	97
72) Anthracene	11.527	178	1185362	43.556	ng	99
73) Carbazole	11.680	167	1218637	48.829	ng	99
74) Di-n-butylphthalate	12.010	149	1395716	44.004	ng	100
75) Fluoranthene	12.663	202	1211635	43.174	ng	96
77) Benzidine	12.780	184	506059	68.383	ng	98
78) Pyrene	12.892	202	1221176	56.056	ng	98
80) Butylbenzylphthalate	13.509	149	533123	54.990	ng	97
81) Benzo(a)anthracene	14.080	228	841502	46.688	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	271199	57.074	ng	99
83) Chrysene	14.115	228	831890	47.745	ng	97
84) Bis(2-ethylhexyl)phtha...	14.068	149	637231	47.382	ng	99
85) Di-n-octyl phthalate	14.680	149	1028646	48.481	ng	97
87) Indeno(1,2,3-cd)pyrene	17.086	276	451675	36.933	ng	94
88) Benzo(b)fluoranthene	15.145	252	670322	46.485	ng	98
89) Benzo(k)fluoranthene	15.174	252	624338m	47.595	ng	
90) Benzo(a)pyrene	15.521	252	570341	46.447	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	431766	40.154	ng	98
92) Benzo(g,h,i)perylene	17.545	276	365443	35.430	ng	95

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

