

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
 Data File : BF125339.D
 Acq On : 3 Sep 2021 10:35
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 03 11:56:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	157468	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	575910	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	309564	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	556623	20.000	ng	0.00
76) Chrysene-d12	14.068	240	340276	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	296293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	739896	71.120	ng	0.00
7) Phenol-d6	6.534	99	976512	72.576	ng	0.00
23) Nitrobenzene-d5	7.469	82	864497	75.571	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	274385	88.794	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1516833	68.291	ng	0.00
79) Terphenyl-d14	13.010	244	1693511	79.286	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	184095	35.861	ng	# 100
3) Pyridine	3.451	79	484129	35.724	ng	# 91
4) n-Nitrosodimethylamine	3.410	42	229068	33.779	ng	# 33
6) Aniline	6.563	93	569843	36.055	ng	# 92
8) 2-Chlorophenol	6.686	128	392658	36.998	ng	# 80
9) Benzaldehyde	6.451	77	301719	31.953	ng	92
10) Phenol	6.545	94	548710	38.942	ng	99
11) bis(2-Chloroethyl)ether	6.639	93	402865	36.303	ng	88
12) 1,3-Dichlorobenzene	6.839	146	447693	36.403	ng	98
13) 1,4-Dichlorobenzene	6.916	146	450284	36.745	ng	96
14) 1,2-Dichlorobenzene	7.075	146	418040	36.260	ng	99
15) Benzyl Alcohol	7.039	79	375302	36.227	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	771145	34.650	ng	97
17) 2-Methylphenol	7.151	107	335201	37.598	ng	96
18) Hexachloroethane	7.410	117	155880	36.326	ng	89
19) n-Nitroso-di-n-propyla...	7.310	70	293642	36.283	ng	# 77
20) 3+4-Methylphenols	7.304	107	392111	35.038	ng	# 84
22) Acetophenone	7.310	105	521138	35.160	ng	# 89
24) Nitrobenzene	7.486	77	463199	37.160	ng	90
25) Isophorone	7.722	82	837718	37.960	ng	# 90
26) 2-Nitrophenol	7.798	139	205302	41.248	ng	# 80
27) 2,4-Dimethylphenol	7.833	122	306677	35.196	ng	88
28) bis(2-Chloroethoxy)met...	7.928	93	461147	37.741	ng	# 97
29) 2,4-Dichlorophenol	8.039	162	341418	38.420	ng	94
30) 1,2,4-Trichlorobenzene	8.122	180	359724	37.122	ng	94
31) Naphthalene	8.204	128	1066153	36.148	ng	100
32) Benzoic acid	7.951	122	207951	35.162	ng	87
33) 4-Chloroaniline	8.251	127	450180	38.717	ng	# 89
34) Hexachlorobutadiene	8.322	225	234107	37.888	ng	97
35) Caprolactam	8.628	113	103398	44.923	ng	# 53
36) 4-Chloro-3-methylphenol	8.733	107	368798	40.653	ng	90
37) 2-Methylnaphthalene	8.898	142	739917	37.964	ng	98
38) 1-Methylnaphthalene	8.998	142	699197	38.417	ng	96
40) 1,2,4,5-Tetrachloroben...	9.063	216	364291	36.019	ng	97
41) Hexachlorocyclopentadiene	9.045	237	183954	34.619	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	256438	36.009	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	279878	37.356	ng	92
46) 1,1'-Biphenyl	9.363	154	864318	34.632	ng	99
47) 2-Chloronaphthalene	9.386	162	714160	35.213	ng	97
48) 2-Nitroaniline	9.480	65	246670	39.236	ng #	81
49) Acenaphthylene	9.804	152	1056078	35.734	ng	97
50) Dimethylphthalate	9.663	163	817633	38.114	ng #	97
51) 2,6-Dinitrotoluene	9.722	165	182516	39.237	ng #	77
52) Acenaphthene	9.975	154	633622	34.584	ng	98
53) 3-Nitroaniline	9.892	138	196601	39.192	ng #	72
54) 2,4-Dinitrophenol	9.998	184	78300	42.614	ng #	79
55) Dibenzofuran	10.145	168	963974	36.560	ng	97
56) 4-Nitrophenol	10.051	139	143889	36.222	ng #	74
57) 2,4-Dinitrotoluene	10.127	165	239426	42.528	ng #	97
58) Fluorene	10.486	166	747278	38.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	227005	40.828	ng #	83
60) Diethylphthalate	10.357	149	809078	38.686	ng	98
61) 4-Chlorophenyl-phenyle...	10.480	204	380407	38.597	ng #	85
62) 4-Nitroaniline	10.510	138	190830	42.304	ng #	80
63) Azobenzene	10.639	77	873425	37.233	ng	91
65) 4,6-Dinitro-2-methylph...	10.539	198	128121	43.490	ng	82
66) n-Nitrosodiphenylamine	10.598	169	706945	35.470	ng	98
67) 4-Bromophenyl-phenylether	10.969	248	258491	38.673	ng	92
68) Hexachlorobenzene	11.039	284	270009	39.268	ng #	81
69) Atrazine	11.121	200	225951	39.508	ng	93
70) Pentachlorophenol	11.233	266	142970	35.609	ng	91
71) Phenanthrene	11.451	178	1127540	36.763	ng	97
72) Anthracene	11.504	178	1107692	36.642	ng	98
73) Carbazole	11.657	167	1018128	36.855	ng	99
74) Di-n-butylphthalate	11.980	149	1259158	38.410	ng	99
75) Fluoranthene	12.639	202	1155621	37.973	ng	97
77) Benzidine	12.763	184	430814	36.251	ng	98
78) Pyrene	12.874	202	1165797	39.940	ng	97
80) Butylbenzylphthalate	13.480	149	475308	41.442	ng	91
81) Benzo(a)anthracene	14.057	228	920104	37.529	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	279220	36.740	ng	99
83) Chrysene	14.098	228	901670	37.188	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	622076	39.463	ng #	99
85) Di-n-octyl phthalate	14.651	149	935111	35.667	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	890993	41.742	ng #	90
88) Benzo(b)fluoranthene	15.121	252	790915	36.538	ng #	95
89) Benzo(k)fluoranthene	15.151	252	775662	38.400	ng	98
90) Benzo(a)pyrene	15.498	252	717611	37.530	ng #	96
91) Dibenzo(a,h)anthracene	17.086	278	757416	41.050	ng #	95
92) Benzo(g,h,i)perylene	17.533	276	766579	43.089	ng #	88

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

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