

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123253.D
 Acq On : 22 Feb 2021 11:21
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/23/2021 3:43:57 PM

Quant Time: Feb 22 12:17:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	122067	20.00	ng	# 0.00
21) Naphthalene-d8	8.145	136	485267	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	252961	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	479442	20.00	ng	0.00
76) Chrysene-d12	14.045	240	427591	20.00	ng	0.00
86) Perylene-d12	15.515	264	349667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	679426	80.12	ng	0.00
7) Phenol-d6	6.498	99	931062	80.81	ng	0.00
23) Nitrobenzene-d5	7.422	82	851299	80.31	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	210633	81.77	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1356625	77.04	ng	0.00
79) Terphenyl-d14	12.986	244	1841594	82.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	204888	41.87	ng	94
3) Pyridine	3.357	79	560779	47.03	ng	92
4) n-Nitrosodimethylamine	3.310	42	248076	44.99	ng	89
6) Aniline	6.522	93	537751	39.52	ng	95
8) 2-Chlorophenol	6.645	128	363091	39.85	ng	92
9) Benzaldehyde	6.410	77	257835	44.90	ng	96
10) Phenol	6.510	94	495372	39.45	ng	92
11) bis(2-Chloroethyl)ether	6.592	93	352050	39.09	ng	94
12) 1,3-Dichlorobenzene	6.798	146	377728	39.86	ng	# 92
13) 1,4-Dichlorobenzene	6.875	146	382840m	39.64	ng	
14) 1,2-Dichlorobenzene	7.034	146	363436	40.45	ng	96
15) Benzyl Alcohol	7.004	79	373519	41.58	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.134	45	473658	38.34	ng	99
17) 2-Methylphenol	7.116	107	307074	40.07	ng	93
18) Hexachloroethane	7.375	117	145550	41.72	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	281339	41.05	ng	95
20) 3+4-Methylphenols	7.269	107	387525	38.51	ng	94
22) Acetophenone	7.269	105	492293	39.11	ng	# 88
24) Nitrobenzene	7.445	77	449496	40.22	ng	93
25) Isophorone	7.681	82	781156	39.41	ng	95
26) 2-Nitrophenol	7.757	139	192984	41.22	ng	# 85
27) 2,4-Dimethylphenol	7.798	122	283662	39.14	ng	95
28) bis(2-Chloroethoxy)met...	7.892	93	408444	39.37	ng	100
29) 2,4-Dichlorophenol	8.004	162	297883	39.81	ng	97
30) 1,2,4-Trichlorobenzene	8.086	180	319807	39.31	ng	99
31) Naphthalene	8.169	128	1047125	39.37	ng	99
32) Benzoic acid	7.928	122	196535	36.76	ng	85
33) 4-Chloroaniline	8.216	127	432898	40.00	ng	# 94
34) Hexachlorobutadiene	8.286	225	178005	38.79	ng	100
35) Caprolactam	8.586	113	104195m	41.49	ng	
36) 4-Chloro-3-methylphenol	8.698	107	360463	40.52	ng	89
37) 2-Methylnaphthalene	8.857	142	702062	39.63	ng	97
38) 1-Methylnaphthalene	8.957	142	653622	39.45	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	292149	38.65	ng	98
41) Hexachlorocyclopentadiene	9.016	237	136051	38.42	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	213875	39.90	ng	94

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44) 2,4,5-Trichlorophenol	9.181	196	231394	40.33	ng	96
46) 1,1'-Biphenyl	9.322	154	814454	38.81	ng	99
47) 2-Chloronaphthalene	9.351	162	643931	38.89	ng	99
48) 2-Nitroaniline	9.445	65	246234	41.51	ng #	78
49) Acenaphthylene	9.769	152	984419	39.20	ng	100
50) Dimethylphthalate	9.628	163	753002	39.81	ng	100
51) 2,6-Dinitrotoluene	9.686	165	179070	41.07	ng #	75
52) Acenaphthene	9.939	154	688995	39.79	ng	98
53) 3-Nitroaniline	9.857	138	198979	41.12	ng #	79
54) 2,4-Dinitrophenol	9.963	184	94051	41.07	ng	86
55) Dibenzofuran	10.110	168	917647	39.14	ng	96
56) 4-Nitrophenol	10.022	139	160827	41.71	ng #	75
57) 2,4-Dinitrotoluene	10.092	165	244346	41.68	ng	91
58) Fluorene	10.457	166	727884	39.45	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	192587	42.08	ng #	86
60) Diethylphthalate	10.328	149	755105	40.31	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	345891	39.38	ng	95
62) 4-Nitroaniline	10.475	138	203369	41.75	ng	86
63) Azobenzene	10.604	77	847141	39.25	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	140581	43.56	ng	93
66) n-Nitrosodiphenylamine	10.563	169	642860	38.77	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	208761	39.94	ng #	89
68) Hexachlorobenzene	11.004	284	222096	40.34	ng #	92
69) Atrazine	11.092	200	207404	39.59	ng	95
70) Pentachlorophenol	11.198	266	145558	41.87	ng	99
71) Phenanthrene	11.422	178	1112218	39.23	ng	99
72) Anthracene	11.469	178	1124635	39.75	ng	99
73) Carbazole	11.627	167	1055255	39.61	ng	99
74) Di-n-butylphthalate	11.957	149	1175053	39.45	ng	99
75) Fluoranthene	12.616	202	1422977	47.35	ng	98
77) Benzidine	12.733	184	647292	46.87	ng	100
78) Pyrene	12.845	202	1466112	43.92	ng	99
80) Butylbenzylphthalate	13.463	149	618170	43.81	ng	94
81) Benzo(a)anthracene	14.033	228	1144315	39.38	ng	98
82) 3,3'-Dichlorobenzidine	13.998	252	401667	41.58	ng #	98
83) Chrysene	14.074	228	1121582	39.30	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	771795	39.73	ng	100
85) Di-n-octyl phthalate	14.639	149	1160807	34.97	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	888015	36.75	ng	98
88) Benzo(b)fluoranthene	15.092	252	1011433	41.19	ng	98
89) Benzo(k)fluoranthene	15.121	252	929837	41.76	ng	99
90) Benzo(a)pyrene	15.457	252	877047	40.05	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	756857	36.51	ng	98
92) Benzo(g,h,i)perylene	17.451	276	721200	37.77	ng	99

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

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