

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126973.D
 Acq On : 21 Feb 2022 15:00
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/22/2022
 Supervised By : Jagrut Upadhyay 02/22/2022

Quant Time: Feb 21 17:01:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	93646	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	357821	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	184238	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	332131	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	236388	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	175323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	470598	77.670	ng	0.00
7) Phenol-d6	6.545	99	629167	76.956	ng	0.00
23) Nitrobenzene-d5	7.487	82	631293	79.634	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	178328	84.067	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	995113	79.515	ng	0.00
79) Terphenyl-d14	13.039	244	1192792	74.177	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	110052	39.694	ng	97
3) Pyridine	3.499	79	284189	39.079	ng	92
4) n-Nitrosodimethylamine	3.463	42	140971	39.572	ng	# 73
6) Aniline	6.587	93	372130	38.416	ng	96
8) 2-Chlorophenol	6.704	128	254649	39.171	ng	99
9) Benzaldehyde	6.475	77	168952	33.949	ng	98
10) Phenol	6.557	94	317588	38.444	ng	83
11) bis(2-Chloroethyl)ether	6.657	93	240164	37.066	ng	97
12) 1,3-Dichlorobenzene	6.863	146	270944	38.636	ng	97
13) 1,4-Dichlorobenzene	6.940	146	279884	39.367	ng	98
14) 1,2-Dichlorobenzene	7.092	146	261776	38.611	ng	99
15) Benzyl Alcohol	7.063	79	270255	39.238	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.192	45	361692	35.450	ng	96
17) 2-Methylphenol	7.163	107	216374	38.470	ng	93
18) Hexachloroethane	7.434	117	107826	39.567	ng	94
19) n-Nitroso-di-n-propyla...	7.334	70	196575	37.314	ng	97
20) 3+4-Methylphenols	7.322	107	281726	38.573	ng	# 86
22) Acetophenone	7.334	105	370815	39.360	ng	# 93
24) Nitrobenzene	7.504	77	293931	39.249	ng	95
25) Isophorone	7.739	82	498287	37.986	ng	# 99
26) 2-Nitrophenol	7.822	139	128475	40.293	ng	# 83
27) 2,4-Dimethylphenol	7.851	122	205546	39.241	ng	91
28) bis(2-Chloroethoxy)met...	7.951	93	307502	38.667	ng	99
29) 2,4-Dichlorophenol	8.057	162	193992	39.393	ng	98
30) 1,2,4-Trichlorobenzene	8.145	180	220767	40.098	ng	100
31) Naphthalene	8.228	128	739571	39.594	ng	99
32) Benzoic acid	7.963	122	140058m	37.703	ng	
33) 4-Chloroaniline	8.275	127	290899	39.567	ng	96
34) Hexachlorobutadiene	8.339	225	129671	40.342	ng	99
35) Caprolactam	8.651	113	68961	40.100	ng	94
36) 4-Chloro-3-methylphenol	8.751	107	252820	40.170	ng	96
37) 2-Methylnaphthalene	8.916	142	478052	39.442	ng	98
38) 1-Methylnaphthalene	9.016	142	462395	39.840	ng	99
40) 1,2,4,5-Tetrachloroben...	9.081	216	196271	40.470	ng	97
41) Hexachlorocyclopentadiene	9.069	237	107095	40.715	ng	97
43) 2,4,6-Trichlorophenol	9.192	196	142676	40.111	ng	96

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44) 2,4,5-Trichlorophenol	9.233	196	147515	39.410	ng	94
46) 1,1'-Biphenyl	9.381	154	568785	38.966	ng	98
47) 2-Chloronaphthalene	9.410	162	424965	39.260	ng	95
48) 2-Nitroaniline	9.504	65	167974	39.324	ng	97
49) Acenaphthylene	9.828	152	694837	39.518	ng	98
50) Dimethylphthalate	9.681	163	514428	39.063	ng	99
51) 2,6-Dinitrotoluene	9.745	165	107896	40.270	ng	# 85
52) Acenaphthene	9.998	154	458780	40.121	ng	97
53) 3-Nitroaniline	9.916	138	131572	40.173	ng	99
54) 2,4-Dinitrophenol	10.016	184	64249	45.305	ng	# 82
55) Dibenzofuran	10.169	168	626263	39.829	ng	92
56) 4-Nitrophenol	10.069	139	102866	42.525	ng	# 83
57) 2,4-Dinitrotoluene	10.145	165	147037	40.588	ng	# 92
58) Fluorene	10.510	166	487991	39.842	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.280	232	122415	41.252	ng	97
60) Diethylphthalate	10.380	149	552104	40.122	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	227035	39.311	ng	99
62) 4-Nitroaniline	10.533	138	132618	41.006	ng	# 75
63) Azobenzene	10.663	77	595480	38.863	ng	94
65) 4,6-Dinitro-2-methylph...	10.557	198	85474	43.799	ng	94
66) n-Nitrosodiphenylamine	10.622	169	423838	38.917	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	149485	40.283	ng	94
68) Hexachlorobenzene	11.057	284	158327	39.632	ng	# 95
69) Atrazine	11.145	200	135355	40.072	ng	97
70) Pentachlorophenol	11.251	266	93616	42.928	ng	98
71) Phenanthrene	11.475	178	731234	39.335	ng	99
72) Anthracene	11.527	178	735440	39.739	ng	99
73) Carbazole	11.680	167	688435	40.564	ng	99
74) Di-n-butylphthalate	12.004	149	863063	39.557	ng	98
75) Fluoranthene	12.669	202	737139	41.761	ng	93
77) Benzidine	12.786	184	278939	43.421	ng	97
78) Pyrene	12.898	202	746043	36.327	ng	100
80) Butylbenzylphthalate	13.510	149	362223	37.256	ng	86
81) Benzo(a)anthracene	14.086	228	627270	39.361	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	207014	41.219	ng	# 98
83) Chrysene	14.121	228	592797	39.556	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	482131	37.771	ng	# 97
85) Di-n-octyl phthalate	14.674	149	714836	38.895	ng	97
87) Indeno(1,2,3-cd)pyrene	17.115	276	430627	37.458	ng	# 86
88) Benzo(b)fluoranthene	15.145	252	478839	40.665	ng	# 95
89) Benzo(k)fluoranthene	15.180	252	465455	40.982	ng	# 94
90) Benzo(a)pyrene	15.527	252	364306	39.608	ng	# 93
91) Dibenzo(a,h)anthracene	17.133	278	350865	36.902	ng	# 92
92) Benzo(g,h,i)perylene	17.586	276	349356	37.271	ng	# 83

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

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