

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127032.D
 Acq On : 23 Feb 2022 11:34
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/24/2022
 Supervised By : Jagrut Upadhyay 02/24/2022

Quant Time: Feb 24 02:15:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	95331	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	366158	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	183565	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	326843	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	192286	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	142740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	487387	79.019	ng	0.00
7) Phenol-d6	6.539	99	643964	77.373	ng	0.00
23) Nitrobenzene-d5	7.475	82	650033	80.131	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	180934	85.609	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1035850	83.073	ng	0.00
79) Terphenyl-d14	13.027	244	1107452	84.665	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	101167	35.844	ng	# 94
3) Pyridine	3.487	79	274635	37.097	ng	# 86
4) n-Nitrosodimethylamine	3.457	42	144153	39.750	ng	# 68
6) Aniline	6.575	93	374418	37.969	ng	94
8) 2-Chlorophenol	6.698	128	263821	39.864	ng	97
9) Benzaldehyde	6.463	77	170386	33.632	ng	99
10) Phenol	6.551	94	321111m	38.184	ng	
11) bis(2-Chloroethyl)ether	6.645	93	245041	37.150	ng	97
12) 1,3-Dichlorobenzene	6.851	146	287305	40.245	ng	99
13) 1,4-Dichlorobenzene	6.928	146	286753	39.621	ng	96
14) 1,2-Dichlorobenzene	7.081	146	276511	40.063	ng	98
15) Benzyl Alcohol	7.051	79	270089	38.521	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.181	45	359748	34.636	ng	95
17) 2-Methylphenol	7.157	107	220492	38.509	ng	92
18) Hexachloroethane	7.422	117	113036	40.745	ng	93
19) n-Nitroso-di-n-propyla...	7.322	70	196208	36.586	ng	97
20) 3+4-Methylphenols	7.310	107	290022	39.007	ng	# 84
22) Acetophenone	7.322	105	378840	39.296	ng	# 96
24) Nitrobenzene	7.498	77	302090	39.420	ng	98
25) Isophorone	7.734	82	501230	37.340	ng	# 97
26) 2-Nitrophenol	7.810	139	134555	41.239	ng	# 80
27) 2,4-Dimethylphenol	7.839	122	210732	39.315	ng	87
28) bis(2-Chloroethoxy)met...	7.939	93	308242	37.877	ng	99
29) 2,4-Dichlorophenol	8.051	162	205673	40.814	ng	99
30) 1,2,4-Trichlorobenzene	8.133	180	228264	40.516	ng	97
31) Naphthalene	8.216	128	755746	39.539	ng	99
32) Benzoic acid	7.957	122	132425	34.836	ng	85
33) 4-Chloroaniline	8.263	127	298061	39.618	ng	96
34) Hexachlorobutadiene	8.328	225	137955	41.942	ng	99
35) Caprolactam	8.639	113	66556	37.821	ng	96
36) 4-Chloro-3-methylphenol	8.739	107	258028	40.064	ng	95
37) 2-Methylnaphthalene	8.910	142	485021	39.106	ng	95
38) 1-Methylnaphthalene	9.010	142	467196	39.337	ng	99
40) 1,2,4,5-Tetrachloroben...	9.075	216	202748	41.959	ng	98
41) Hexachlorocyclopentadiene	9.057	237	109133	41.642	ng	97
43) 2,4,6-Trichlorophenol	9.180	196	146932	41.459	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	156290	41.907	ng	95
46) 1,1'-Biphenyl	9.375	154	583094	40.093	ng	97
47) 2-Chloronaphthalene	9.398	162	433654	40.209	ng	94
48) 2-Nitroaniline	9.492	65	170920	40.161	ng	94
49) Acenaphthylene	9.816	152	703267	40.144	ng	98
50) Dimethylphthalate	9.669	163	517661	39.453	ng	100
51) 2,6-Dinitrotoluene	9.733	165	107508	40.272	ng	# 82
52) Acenaphthene	9.986	154	463550	40.686	ng	97
53) 3-Nitroaniline	9.904	138	133321	40.856	ng	99
54) 2,4-Dinitrophenol	10.010	184	61409	43.461	ng	# 88
55) Dibenzofuran	10.157	168	625070	39.899	ng	# 88
56) 4-Nitrophenol	10.063	139	101953	42.302	ng	# 81
57) 2,4-Dinitrotoluene	10.139	165	147461	40.855	ng	# 97
58) Fluorene	10.504	166	490030	40.156	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.275	232	124658	42.162	ng	94
60) Diethylphthalate	10.369	149	538493	39.277	ng	100
61) 4-Chlorophenyl-phenyle...	10.492	204	231980	40.315	ng	98
62) 4-Nitroaniline	10.522	138	133075	41.298	ng	# 77
63) Azobenzene	10.651	77	579720	37.973	ng	94
65) 4,6-Dinitro-2-methylph...	10.545	198	84382	43.939	ng	81
66) n-Nitrosodiphenylamine	10.610	169	420557	39.240	ng	100
67) 4-Bromophenyl-phenylether	10.986	248	145576	39.864	ng	96
68) Hexachlorobenzene	11.051	284	160154	40.738	ng	92
69) Atrazine	11.139	200	135920	40.890	ng	96
70) Pentachlorophenol	11.239	266	90552	42.195	ng	99
71) Phenanthrene	11.469	178	726893	39.734	ng	99
72) Anthracene	11.522	178	720115	39.541	ng	100
73) Carbazole	11.674	167	669371	40.079	ng	99
74) Di-n-butylphthalate	11.992	149	827619	38.546	ng	# 98
75) Fluoranthene	12.657	202	699595	40.275	ng	95
77) Benzidine	12.774	184	247593	47.382	ng	98
78) Pyrene	12.892	202	694616	41.580	ng	99
80) Butylbenzylphthalate	13.498	149	312936	39.569	ng	92
81) Benzo(a)anthracene	14.080	228	501271	38.669	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	160475	39.281	ng	# 97
83) Chrysene	14.115	228	464490	38.104	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	390589	37.618	ng	96
85) Di-n-octyl phthalate	14.668	149	539053	36.058	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	397785	42.500	ng	# 83
88) Benzo(b)fluoranthene	15.145	252	367684	38.353	ng	# 92
89) Benzo(k)fluoranthene	15.174	252	363585	39.320	ng	# 94
90) Benzo(a)pyrene	15.521	252	298046	39.801	ng	# 93
91) Dibenzo(a,h)anthracene	17.133	278	327878	42.357	ng	# 90
92) Benzo(g,h,i)perylene	17.580	276	324813	42.562	ng	# 84

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

