

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127034.D
 Acq On : 23 Feb 2022 12:32
 Operator : CG\JU
 Sample : PB142871BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142871BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 02:15:25 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	104768	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	431919	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	216604	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	390410	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	221797	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	161160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	735296	108.473	ng	0.01
7) Phenol-d6	6.540	99	961473	105.117	ng	0.00
23) Nitrobenzene-d5	7.475	82	686840	71.778	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	302768	121.403	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1118522	76.021	ng	0.00
79) Terphenyl-d14	13.027	244	1220356	80.883	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	85021	27.410	ng	94
3) Pyridine	3.575	79	195674	24.051	ng	# 86
4) n-Nitrosodimethylamine	3.534	42	153901	38.616	ng	# 69
6) Aniline	6.575	93	341124	31.477	ng	96
8) 2-Chlorophenol	6.692	128	301080	41.396	ng	99
9) Benzaldehyde	6.463	77	170701	30.659	ng	98
10) Phenol	6.551	94	370732m	40.113	ng	
11) bis(2-Chloroethyl)ether	6.645	93	281114	38.780	ng	100
12) 1,3-Dichlorobenzene	6.851	146	309446	39.442	ng	99
13) 1,4-Dichlorobenzene	6.928	146	312109	39.240	ng	97
14) 1,2-Dichlorobenzene	7.081	146	300327	39.594	ng	95
15) Benzyl Alcohol	7.051	79	300663	39.019	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.181	45	408891	35.822	ng	94
17) 2-Methylphenol	7.157	107	249525	39.654	ng	# 92
18) Hexachloroethane	7.422	117	123174	40.400	ng	# 89
19) n-Nitroso-di-n-propyla...	7.322	70	229779	38.986	ng	97
20) 3+4-Methylphenols	7.310	107	320427	39.214	ng	93
22) Acetophenone	7.322	105	449263	39.506	ng	# 94
24) Nitrobenzene	7.492	77	352435	38.988	ng	95
25) Isophorone	7.728	82	604514	38.178	ng	# 99
26) 2-Nitrophenol	7.810	139	157730	40.982	ng	# 84
27) 2,4-Dimethylphenol	7.839	122	270844	42.837	ng	89
28) bis(2-Chloroethoxy)met...	7.939	93	348546	36.309	ng	99
29) 2,4-Dichlorophenol	8.051	162	237586	39.968	ng	98
30) 1,2,4-Trichlorobenzene	8.134	180	254372	38.276	ng	96
31) Naphthalene	8.216	128	869920	38.583	ng	99
32) Benzoic acid	7.969	122	185151	41.291	ng	88
33) 4-Chloroaniline	8.257	127	166779	18.793	ng	95
34) Hexachlorobutadiene	8.322	225	153004	39.435	ng	96
35) Caprolactam	8.633	113	78095m	37.621	ng	
36) 4-Chloro-3-methylphenol	8.745	107	302829	39.861	ng	99
37) 2-Methylnaphthalene	8.904	142	593583	40.572	ng	99
38) 1-Methylnaphthalene	9.004	142	545880	38.964	ng	98
40) 1,2,4,5-Tetrachloroben...	9.075	216	245572	43.069	ng	97
41) Hexachlorocyclopentadiene	9.057	237	299823	96.954	ng	94
43) 2,4,6-Trichlorophenol	9.181	196	169066	40.428	ng	96

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44) 2,4,5-Trichlorophenol	9.228	196	181058	41.144	ng	93
46) 1,1'-Biphenyl	9.369	154	713189	41.558	ng	98
47) 2-Chloronaphthalene	9.398	162	506936	39.835	ng	93
48) 2-Nitroaniline	9.492	65	201696	40.163	ng	95
49) Acenaphthylene	9.816	152	843540	40.806	ng	98
50) Dimethylphthalate	9.669	163	612433	39.556	ng	98
51) 2,6-Dinitrotoluene	9.733	165	134963	42.846	ng	# 83
52) Acenaphthene	9.986	154	603778m	44.911	ng	
53) 3-Nitroaniline	9.904	138	102350	26.581	ng	97
54) 2,4-Dinitrophenol	10.016	184	143714	86.197	ng	# 82
55) Dibenzofuran	10.163	168	728127	39.388	ng	94
56) 4-Nitrophenol	10.069	139	240598	84.602	ng	# 73
57) 2,4-Dinitrotoluene	10.139	165	182753	42.909	ng	# 93
58) Fluorene	10.504	166	587806	40.821	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	144472	41.410	ng	96
60) Diethylphthalate	10.369	149	645897	39.925	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	272860	40.186	ng	99
62) 4-Nitroaniline	10.527	138	147511	38.795	ng	# 75
63) Azobenzene	10.651	77	680118	37.754	ng	94
65) 4,6-Dinitro-2-methylph...	10.551	198	88572	38.612	ng	95
66) n-Nitrosodiphenylamine	10.610	169	502649	39.264	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	172108	39.456	ng	# 86
68) Hexachlorobenzene	11.051	284	190967	40.667	ng	90
69) Atrazine	11.139	200	164903	41.532	ng	97
70) Pentachlorophenol	11.245	266	213924	83.453	ng	98
71) Phenanthrene	11.469	178	867703	39.708	ng	99
72) Anthracene	11.522	178	892438	41.024	ng	99
73) Carbazole	11.674	167	752777	37.734	ng	98
74) Di-n-butylphthalate	11.992	149	977799	38.126	ng	99
75) Fluoranthene	12.657	202	831027	40.052	ng	95
77) Benzidine	12.774	184	252778	41.938	ng	97
78) Pyrene	12.892	202	835734	43.371	ng	99
80) Butylbenzylphthalate	13.498	149	366111	40.133	ng	90
81) Benzo(a)anthracene	14.074	228	589626	39.433	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	134507	28.544	ng	# 97
83) Chrysene	14.115	228	566287	40.273	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	477595	39.877	ng	96
85) Di-n-octyl phthalate	14.668	149	661714	38.374	ng	97
87) Indeno(1,2,3-cd)pyrene	17.109	276	464650	43.970	ng	# 83
88) Benzo(b)fluoranthene	15.139	252	462348	42.715	ng	# 93
89) Benzo(k)fluoranthene	15.174	252	427647	40.962	ng	# 94
90) Benzo(a)pyrene	15.521	252	421370	49.838	ng	# 92
91) Dibenzo(a,h)anthracene	17.133	278	393336	45.005	ng	# 91
92) Benzo(g,h,i)perylene	17.580	276	392174	45.515	ng	# 84

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

