

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131804.D
 Acq On : 23 Dec 2022 13:26
 Operator : CG\JU
 Sample : PB149851BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149851BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/24/2022
 Supervised By : Jagrut Upadhyay 12/24/2022

Quant Time: Dec 24 03:03:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 00:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	92027	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	359260	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	224457	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	419898	20.000	ng	0.00
76) Chrysene-d12	14.068	240	282342	20.000	ng	0.00
86) Perylene-d12	15.562	264	184066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	781161	142.935	ng	0.02
7) Phenol-d6	6.492	99	1007020	136.899	ng	0.00
23) Nitrobenzene-d5	7.428	82	714651	80.755	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	326114	132.741	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1290928	80.566	ng	0.00
79) Terphenyl-d14	13.004	244	1638486	90.444	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	88381	34.606	ng	98
3) Pyridine	3.393	79	231251	31.755	ng	100
4) n-Nitrosodimethylamine	3.369	42	142702	43.312	ng	94
6) Aniline	6.516	93	209999	23.124	ng	96
8) 2-Chlorophenol	6.640	128	271217	46.204	ng	96
9) Benzaldehyde	6.398	77	98290	20.673	ng	98
10) Phenol	6.504	94	370665	42.205	ng	93
11) bis(2-Chloroethyl)ether	6.592	93	308699	49.118	ng	97
12) 1,3-Dichlorobenzene	6.792	146	291305	43.902	ng	95
13) 1,4-Dichlorobenzene	6.869	146	293144	43.220	ng	99
14) 1,2-Dichlorobenzene	7.022	146	280568	44.181	ng	99
15) Benzyl Alcohol	7.004	79	216707	32.984	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	375746	46.887	ng	94
17) 2-Methylphenol	7.116	107	241509	43.582	ng	93
18) Hexachloroethane	7.363	117	121797	45.300	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	237787	44.822	ng	98
20) 3+4-Methylphenols	7.269	107	306563	42.984	ng	98
22) Acetophenone	7.269	105	441559	42.117	ng	# 93
24) Nitrobenzene	7.445	77	365805	40.660	ng	99
25) Isophorone	7.681	82	668481	44.480	ng	98
26) 2-Nitrophenol	7.757	139	147621	41.985	ng	93
27) 2,4-Dimethylphenol	7.798	122	246249	49.173	ng	100
28) bis(2-Chloroethoxy)met...	7.892	93	376020	47.116	ng	99
29) 2,4-Dichlorophenol	8.004	162	252220	41.720	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	289890	40.789	ng	99
31) Naphthalene	8.163	128	791525	40.342	ng	100
32) Benzoic acid	7.951	122	178335	44.488	ng	97
33) 4-Chloroaniline	8.216	127	105115	13.737	ng	97
34) Hexachlorobutadiene	8.275	225	198632	41.540	ng	99
35) Caprolactam	8.610	113	73074m	40.087	ng	
36) 4-Chloro-3-methylphenol	8.710	107	296831	42.981	ng	99
37) 2-Methylnaphthalene	8.863	142	549041	41.024	ng	100
38) 1-Methylnaphthalene	8.963	142	514100	39.661	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	316349	41.195	ng	99
41) Hexachlorocyclopentadiene	9.010	237	367425	105.607	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	197535	39.377	ng	98

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44) 2,4,5-Trichlorophenol	9.192	196	212700m	39.167	ng	
46) 1,1'-Biphenyl	9.333	154	699098	41.407	ng	98
47) 2-Chloronaphthalene	9.357	162	554318	40.095	ng	99
48) 2-Nitroaniline	9.457	65	195630	39.260	ng	92
49) Acenaphthylene	9.775	152	827914	39.926	ng	100
50) Dimethylphthalate	9.639	163	691262	40.929	ng	100
51) 2,6-Dinitrotoluene	9.704	165	147518	40.621	ng	98
52) Acenaphthene	9.945	154	500562	39.406	ng	97
53) 3-Nitroaniline	9.875	138	82570	22.221	ng	95
54) 2,4-Dinitrophenol	9.986	184	187614	86.219	ng	93
55) Dibenzofuran	10.122	168	766221	39.337	ng	99
56) 4-Nitrophenol	10.051	139	188860	71.012	ng	94
57) 2,4-Dinitrotoluene	10.110	165	202822	41.562	ng	89
58) Fluorene	10.469	166	618902	39.299	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	172240m	37.991	ng	
60) Diethylphthalate	10.345	149	682989	41.969	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	348963	41.691	ng	97
62) 4-Nitroaniline	10.504	138	122320	32.708	ng	99
63) Azobenzene	10.616	77	727382	40.702	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	124948	43.342	ng	99
66) n-Nitrosodiphenylamine	10.580	169	537953	41.313	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	212108	42.770	ng	99
68) Hexachlorobenzene	11.016	284	228696	41.930	ng	# 89
69) Atrazine	11.110	200	123278	28.401	ng	100
70) Pentachlorophenol	11.216	266	242499	83.768	ng	98
71) Phenanthrene	11.433	178	923938	40.353	ng	99
72) Anthracene	11.486	178	930957	41.526	ng	99
73) Carbazole	11.645	167	787854	40.619	ng	99
74) Di-n-butylphthalate	11.969	149	1082979	44.841	ng	99
75) Fluoranthene	12.627	202	1028751	40.343	ng	98
77) Benzidine	12.751	184	46890	9.057	ng	98
78) Pyrene	12.863	202	1025941	39.966	ng	100
80) Butylbenzylphthalate	13.480	149	424355	46.870	ng	99
81) Benzo(a)anthracene	14.057	228	811070	39.886	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	175113	30.845	ng	# 98
83) Chrysene	14.098	228	767653	39.997	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	586966	54.369	ng	100
85) Di-n-octyl phthalate	14.663	149	842023	55.873	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	533315	43.137	ng	99
88) Benzo(b)fluoranthene	15.127	252	597204	45.860	ng	98
89) Benzo(k)fluoranthene	15.157	252	575579m	45.296	ng	
90) Benzo(a)pyrene	15.504	252	484934	47.012	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	470039	46.005	ng	99
92) Benzo(g,h,i)perylene	17.545	276	440776	43.647	ng	99

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

