

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129969.D
 Acq On : 24 Aug 2022 12:18
 Operator : CG\JU
 Sample : PB146986BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146986BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/25/2022
 Supervised By : Jagrut Upadhyay 08/25/2022

Quant Time: Aug 24 14:06:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	136395	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	565482	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	300301	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	509891	20.000	ng	0.00
76) Chrysene-d12	13.945	240	303639	20.000	ng	0.00
86) Perylene-d12	15.392	264	231074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1039369	126.169	ng	0.00
7) Phenol-d6	6.439	99	1276039	123.693	ng	0.00
23) Nitrobenzene-d5	7.345	82	847286	80.209	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	368311	122.201	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1558498	78.823	ng	0.00
79) Terphenyl-d14	12.880	244	1673119	91.687	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	116292	34.217	ng	95
3) Pyridine	3.322	79	301495	33.898	ng	98
4) n-Nitrosodimethylamine	3.251	42	200176	48.837	ng	88
6) Aniline	6.439	93	505610	43.002	ng	# 74
8) 2-Chlorophenol	6.569	128	408981	44.596	ng	97
9) Benzaldehyde	6.328	77	271980	51.097	ng	98
10) Phenol	6.451	94	504504	44.583	ng	# 75
11) bis(2-Chloroethyl)ether	6.510	93	379191	44.128	ng	98
12) 1,3-Dichlorobenzene	6.710	146	420833	42.506	ng	99
13) 1,4-Dichlorobenzene	6.787	146	431270	42.632	ng	99
14) 1,2-Dichlorobenzene	6.939	146	408716	43.502	ng	98
15) Benzyl Alcohol	6.928	79	361324	46.395	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	510238	44.313	ng	91
17) 2-Methylphenol	7.045	107	324714	44.097	ng	96
18) Hexachloroethane	7.275	117	169940	44.735	ng	95
19) n-Nitroso-di-n-propyla...	7.192	70	294287	45.131	ng	99
20) 3+4-Methylphenols	7.204	107	422765	42.771	ng	99
22) Acetophenone	7.186	105	599560	43.509	ng	# 97
24) Nitrobenzene	7.363	77	436214	40.952	ng	95
25) Isophorone	7.598	82	790501	43.479	ng	98
26) 2-Nitrophenol	7.675	139	216990	41.415	ng	89
27) 2,4-Dimethylphenol	7.722	122	343461	45.710	ng	94
28) bis(2-Chloroethoxy)met...	7.804	93	475371	44.780	ng	99
29) 2,4-Dichlorophenol	7.928	162	334710	40.738	ng	96
30) 1,2,4-Trichlorobenzene	7.992	180	342808	39.550	ng	97
31) Naphthalene	8.075	128	1159381	39.212	ng	100
32) Benzoic acid	7.886	122	156889	46.868	ng	90
33) 4-Chloroaniline	8.133	127	444204	38.204	ng	97
34) Hexachlorobutadiene	8.181	225	214291	40.602	ng	99
35) Caprolactam	8.522	113	107061m	41.902	ng	
36) 4-Chloro-3-methylphenol	8.633	107	380233	42.897	ng	99
37) 2-Methylnaphthalene	8.769	142	771361	39.749	ng	99
38) 1-Methylnaphthalene	8.863	142	734746	38.959	ng	99
40) 1,2,4,5-Tetrachloroben...	8.933	216	346668	41.505	ng	98
41) Hexachlorocyclopentadiene	8.910	237	240051	85.267	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	213612	39.363	ng	98

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44) 2,4,5-Trichlorophenol	9.104	196	231369	39.629	ng	96
46) 1,1'-Biphenyl	9.228	154	934031	40.942	ng	99
47) 2-Chloronaphthalene	9.257	162	730075	40.445	ng	97
48) 2-Nitroaniline	9.369	65	243211	42.635	ng	98
49) Acenaphthylene	9.675	152	1090995	39.857	ng	99
50) Dimethylphthalate	9.533	163	863374	40.106	ng	100
51) 2,6-Dinitrotoluene	9.610	165	192990	41.327	ng	93
52) Acenaphthene	9.845	154	658442	39.648	ng	99
53) 3-Nitroaniline	9.780	138	170665	33.047	ng	92
54) 2,4-Dinitrophenol	9.904	184	165629	78.554	ng	94
55) Dibenzofuran	10.016	168	995346	39.894	ng	95
56) 4-Nitrophenol	9.975	139	192748	83.895	ng	89
57) 2,4-Dinitrotoluene	10.022	165	250237	41.279	ng	92
58) Fluorene	10.357	166	825344	39.619	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	165482	38.622	ng	# 76
60) Diethylphthalate	10.233	149	852526	39.716	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	383790	41.053	ng	93
62) 4-Nitroaniline	10.404	138	203895m	39.136	ng	
63) Azobenzene	10.510	77	840440	40.962	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	118052	39.438	ng	90
66) n-Nitrosodiphenylamine	10.475	169	703220	40.861	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	242950	40.681	ng	94
68) Hexachlorobenzene	10.910	284	273946	42.346	ng	93
69) Atrazine	11.004	200	232468	44.010	ng	98
70) Pentachlorophenol	11.116	266	147585	76.360	ng	99
71) Phenanthrene	11.327	178	1148768	40.340	ng	99
72) Anthracene	11.374	178	1160937	40.995	ng	100
73) Carbazole	11.539	167	1059593	41.218	ng	99
74) Di-n-butylphthalate	11.851	149	1316004	39.776	ng	99
75) Fluoranthene	12.516	202	1175014	40.322	ng	99
77) Benzidine	12.639	184	604329	88.046	ng	100
78) Pyrene	12.745	202	1168076	44.269	ng	100
80) Butylbenzylphthalate	13.351	149	458260	41.044	ng	99
81) Benzo(a)anthracene	13.933	228	836011	40.024	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	220464	34.080	ng	100
83) Chrysene	13.974	228	766519	39.203	ng	99
84) Bis(2-ethylhexyl)phtha...	13.898	149	523001	39.483	ng	96
85) Di-n-octyl phthalate	14.510	149	707028	38.665	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	806909	50.866	ng	98
88) Benzo(b)fluoranthene	14.974	252	623002	39.373	ng	98
89) Benzo(k)fluoranthene	15.004	252	625102	41.195	ng	98
90) Benzo(a)pyrene	15.333	252	555440	44.576	ng	99
91) Dibenzo(a,h)anthracene	16.851	278	699734	53.459	ng	99
92) Benzo(g,h,i)perylene	17.286	276	725230	55.537	ng	98

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

