

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137644.D
 Acq On : 19 Mar 2024 13:11
 Operator : CG\JU
 Sample : PB159643BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159643BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/20/2024
 Supervised By :mohammad ahmed 03/21/2024

Quant Time: Mar 19 13:46:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	182793	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	716944	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	371097	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	641577	20.000	ng	0.00
76) Chrysene-d12	13.880	240	378563	20.000	ng	0.00
86) Perylene-d12	15.298	264	347460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1465556	121.429	ng	0.02
7) Phenol-d6	6.375	99	1932564	110.929	ng	0.00
23) Nitrobenzene-d5	7.298	82	1215012	78.743	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	471902	144.805	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1996639	84.222	ng	0.00
79) Terphenyl-d14	12.827	244	2100579	76.302	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	226792	34.366	ng	97
3) Pyridine	3.175	79	498818	31.341	ng	98
4) n-Nitrosodimethylamine	3.140	42	251941	39.785	ng	95
6) Aniline	6.392	93	419908	19.726	ng	# 69
8) 2-Chlorophenol	6.510	128	563110	44.235	ng	95
9) Benzaldehyde	6.275	77	281944	33.034	ng	98
10) Phenol	6.386	94	754438	40.234	ng	93
11) bis(2-Chloroethyl)ether	6.469	93	581595	42.326	ng	100
12) 1,3-Dichlorobenzene	6.669	146	597904	43.954	ng	97
13) 1,4-Dichlorobenzene	6.745	146	614636	44.162	ng	98
14) 1,2-Dichlorobenzene	6.892	146	577346	45.195	ng	99
15) Benzyl Alcohol	6.875	79	512317	47.236	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	886475	37.531	ng	94
17) 2-Methylphenol	6.992	107	467735	39.267	ng	98
18) Hexachloroethane	7.234	117	208711	45.543	ng	96
19) n-Nitroso-di-n-propyla...	7.145	70	416932	38.755	ng	100
20) 3+4-Methylphenols	7.145	107	540663	39.631	ng	94
22) Acetophenone	7.139	105	755547	43.556	ng	# 96
24) Nitrobenzene	7.316	77	645066	41.616	ng	97
25) Isophorone	7.551	82	1194981	40.764	ng	98
26) 2-Nitrophenol	7.628	139	293631	47.715	ng	97
27) 2,4-Dimethylphenol	7.669	122	419862	36.514	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	720589	41.895	ng	98
29) 2,4-Dichlorophenol	7.875	162	465057	44.068	ng	96
30) 1,2,4-Trichlorobenzene	7.951	180	496157	44.676	ng	100
31) Naphthalene	8.033	128	1608543	41.817	ng	99
32) Benzoic acid	7.822	122	274873	42.362	ng	97
33) 4-Chloroaniline	8.086	127	193780	12.847	ng	97
34) Hexachlorobutadiene	8.145	225	293620	44.783	ng	100
35) Caprolactam	8.463	113	144266m	40.316	ng	
36) 4-Chloro-3-methylphenol	8.575	107	497379	42.164	ng	99
37) 2-Methylnaphthalene	8.722	142	977884	39.877	ng	99
38) 1-Methylnaphthalene	8.822	142	933680	40.431	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	494380	47.720	ng	99
41) Hexachlorocyclopentadiene	8.875	237	355646	83.694	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	316753	46.950	ng	99

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44) 2,4,5-Trichlorophenol	9.057	196	327371	42.124	ng	95
46) 1,1'-Biphenyl	9.186	154	1223180	45.034	ng	99
47) 2-Chloronaphthalene	9.210	162	949455	45.850	ng	98
48) 2-Nitroaniline	9.316	65	327566	46.539	ng	97
49) Acenaphthylene	9.627	152	1492555	45.038	ng	100
50) Dimethylphthalate	9.492	163	1148081	44.443	ng	99
51) 2,6-Dinitrotoluene	9.557	165	252888	46.804	ng	89
52) Acenaphthene	9.798	154	846781	42.800	ng	99
53) 3-Nitroaniline	9.727	138	156610	27.403	ng	89
54) 2,4-Dinitrophenol	9.833	184	244478	91.455	ng	97
55) Dibenzofuran	9.969	168	1280201	42.484	ng	99
56) 4-Nitrophenol	9.898	139	331219	81.377	ng	97
57) 2,4-Dinitrotoluene	9.957	165	315735	47.563	ng	95
58) Fluorene	10.310	166	977377	42.233	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	288590	46.306	ng	96
60) Diethylphthalate	10.192	149	1074724	44.056	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	484675	42.733	ng	95
62) 4-Nitroaniline	10.339	138	210308	42.815	ng	98
63) Azobenzene	10.463	77	1141497	40.637	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	180541	50.490	ng	83
66) n-Nitrosodiphenylamine	10.427	169	885955	42.883	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	308173	44.101	ng	100
68) Hexachlorobenzene	10.857	284	340362	48.224	ng	# 90
69) Atrazine	10.957	200	259932	41.387	ng	99
70) Pentachlorophenol	11.051	266	355454	83.310	ng	100
71) Phenanthrene	11.269	178	1461673	41.863	ng	99
72) Anthracene	11.321	178	1503716	41.932	ng	100
73) Carbazole	11.480	167	1317147	42.880	ng	99
74) Di-n-butylphthalate	11.810	149	1598953	43.751	ng	100
75) Fluoranthene	12.457	202	1443551	42.296	ng	97
77) Benzidine	12.586	184	178336	19.250	ng	97
78) Pyrene	12.680	202	1467033	39.494	ng	99
80) Butylbenzylphthalate	13.304	149	553522	58.349	ng	99
81) Benzo(a)anthracene	13.868	228	1123741	42.352	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	280511	39.700	ng	99
83) Chrysene	13.904	228	1147067	42.774	ng	99
84) Bis(2-ethylhexyl)phtha...	13.862	149	712068	59.056	ng	98
85) Di-n-octyl phthalate	14.474	149	1184987	50.643	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	997271	43.615	ng	96
88) Benzo(b)fluoranthene	14.898	252	1014878	49.377	ng	98
89) Benzo(k)fluoranthene	14.927	252	949673	43.017	ng	98
90) Benzo(a)pyrene	15.245	252	901899	44.528	ng	98
91) Dibenzo(a,h)anthracene	16.709	278	800538	43.159	ng	97
92) Benzo(g,h,i)perylene	17.109	276	793565	41.659	ng	98

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

