

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137541.D
 Acq On : 08 Mar 2024 14:05
 Operator : CG\JU
 Sample : PB159511BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159511BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/09/2024
 Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 08 22:15:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 22:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	231621	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	944738	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	513530	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	930256	20.000	ng	0.00
76) Chrysene-d12	14.080	240	473680	20.000	ng	0.00
86) Perylene-d12	15.615	264	448672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	1929280	126.153	ng	0.02
7) Phenol-d6	6.539	99	2667082	120.818	ng	0.00
23) Nitrobenzene-d5	7.451	82	1694874	83.357	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	683564	151.577	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2675904	81.568	ng	0.00
79) Terphenyl-d14	13.016	244	2975679	86.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.863	88	305368	36.518	ng	99
3) Pyridine	3.628	79	699647	34.692	ng	99
4) n-Nitrosodimethylamine	3.616	42	359828	44.359	ng	97
6) Aniline	6.557	93	650856	24.129	ng	# 63
8) 2-Chlorophenol	6.675	128	771074	47.803	ng	95
9) Benzaldehyde	6.445	77	493481	45.630	ng	100
10) Phenol	6.551	94	1014770	42.709	ng	93
11) bis(2-Chloroethyl)ether	6.634	93	806208	46.303	ng	98
12) 1,3-Dichlorobenzene	6.828	146	776645	45.058	ng	97
13) 1,4-Dichlorobenzene	6.904	146	785577	44.545	ng	99
14) 1,2-Dichlorobenzene	7.051	146	752684	46.499	ng	98
15) Benzyl Alcohol	7.034	79	710303	51.684	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1260609	42.120	ng	93
17) 2-Methylphenol	7.145	107	649444	43.028	ng	98
18) Hexachloroethane	7.392	117	274304	47.238	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	575770	42.237	ng	99
20) 3+4-Methylphenols	7.298	107	726063	42.002	ng	91
22) Acetophenone	7.292	105	1028015	44.973	ng	# 98
24) Nitrobenzene	7.469	77	888260	43.488	ng	98
25) Isophorone	7.704	82	1706117	44.167	ng	98
26) 2-Nitrophenol	7.781	139	411169	50.705	ng	96
27) 2,4-Dimethylphenol	7.822	122	582373	38.435	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1009024	44.520	ng	100
29) 2,4-Dichlorophenol	8.022	162	648430	46.629	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	666624	45.553	ng	98
31) Naphthalene	8.181	128	2145666	42.330	ng	100
32) Benzoic acid	7.975	122	415556	47.673	ng	99
33) 4-Chloroaniline	8.233	127	307061	15.449	ng	100
34) Hexachlorobutadiene	8.298	225	386951	44.788	ng	99
35) Caprolactam	8.616	113	228858m	48.534	ng	
36) 4-Chloro-3-methylphenol	8.728	107	712001	45.805	ng	97
37) 2-Methylnaphthalene	8.875	142	1350098	41.781	ng	99
38) 1-Methylnaphthalene	8.975	142	1269746	41.726	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	657078	45.833	ng	99
41) Hexachlorocyclopentadiene	9.028	237	565527	94.944	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	457101	48.961	ng	99

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44) 2,4,5-Trichlorophenol	9.210	196	487863	45.363	ng	96
46) 1,1'-Biphenyl	9.345	154	1653845	44.002	ng	99
47) 2-Chloronaphthalene	9.369	162	1330945	46.445	ng	100
48) 2-Nitroaniline	9.469	65	482295	49.517	ng	97
49) Acenaphthylene	9.780	152	2058638	44.890	ng	99
50) Dimethylphthalate	9.651	163	1635353	45.747	ng	99
51) 2,6-Dinitrotoluene	9.716	165	367755	49.185	ng	86
52) Acenaphthene	9.957	154	1174485	42.898	ng	99
53) 3-Nitroaniline	9.880	138	263371	33.301	ng	99
54) 2,4-Dinitrophenol	9.992	184	382343	102.287	ng	96
55) Dibenzofuran	10.127	168	1763793	42.298	ng	99
56) 4-Nitrophenol	10.057	139	526070	92.732	ng	97
57) 2,4-Dinitrotoluene	10.122	165	443479	48.278	ng	93
58) Fluorene	10.475	166	1350211	42.162	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	411831	47.753	ng	93
60) Diethylphthalate	10.357	149	1506681	44.633	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	667515	42.530	ng	92
62) 4-Nitroaniline	10.510	138	328309	48.299	ng	94
63) Azobenzene	10.627	77	1705902	43.886	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	271744	52.412	ng	79
66) n-Nitrosodiphenylamine	10.592	169	1268067	42.332	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	448890	44.304	ng	97
68) Hexachlorobenzene	11.022	284	486140	47.504	ng	92
69) Atrazine	11.127	200	374453	41.120	ng	99
70) Pentachlorophenol	11.222	266	544684	88.045	ng	99
71) Phenanthrene	11.439	178	2117157	41.819	ng	99
72) Anthracene	11.492	178	2156348	41.471	ng	100
73) Carbazole	11.651	167	1902733	42.721	ng	100
74) Di-n-butylphthalate	11.986	149	2297552	43.358	ng	99
75) Fluoranthene	12.639	202	2042212	41.268	ng	98
77) Benzidine	12.768	184	236880	20.435	ng	98
78) Pyrene	12.868	202	2066651	44.464	ng	99
80) Butylbenzylphthalate	13.498	149	689604	58.096	ng	98
81) Benzo(a)anthracene	14.068	228	1468158	44.222	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	373973	42.299	ng	100
83) Chrysene	14.104	228	1475063	43.960	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	814889	54.012	ng	# 98
85) Di-n-octyl phthalate	14.698	149	1450142	49.654	ng	98
87) Indeno(1,2,3-cd)pyrene	17.239	276	1469577	49.773	ng	98
88) Benzo(b)fluoranthene	15.157	252	1361302	51.291	ng	100
89) Benzo(k)fluoranthene	15.192	252	1296170	45.468	ng	98
90) Benzo(a)pyrene	15.557	252	1222675	46.748	ng	99
91) Dibenzo(a,h)anthracene	17.268	278	1197610	50.001	ng	99
92) Benzo(g,h,i)perylene	17.727	276	1186846	48.250	ng	98

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

