

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137624.D
 Acq On : 18 Mar 2024 11:35
 Operator : CG\JU
 Sample : PB159612BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159612BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024
 Supervised By :mohammad ahmed 03/19/2024

Quant Time: Mar 18 12:35:50 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	187369	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	732739	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	387635	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	662355	20.000	ng	0.00
76) Chrysene-d12	13.880	240	408813	20.000	ng	0.00
86) Perylene-d12	15.298	264	346809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1540886	124.553	ng	0.02
7) Phenol-d6	6.375	99	2053935	115.017	ng	0.00
23) Nitrobenzene-d5	7.298	82	1277639	81.017	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	481671	141.497	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2064597	83.373	ng	0.00
79) Terphenyl-d14	12.833	244	2271397	76.402	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	241653	35.724	ng	96
3) Pyridine	3.175	79	521383	31.959	ng	96
4) n-Nitrosodimethylamine	3.140	42	271394	41.617	ng	96
6) Aniline	6.392	93	442471	20.278	ng	# 57
8) 2-Chlorophenol	6.510	128	599588	45.950	ng	95
9) Benzaldehyde	6.275	77	304617	34.819	ng	99
10) Phenol	6.386	94	791949	41.203	ng	92
11) bis(2-Chloroethyl)ether	6.469	93	623113	44.240	ng	97
12) 1,3-Dichlorobenzene	6.669	146	626841	44.956	ng	96
13) 1,4-Dichlorobenzene	6.745	146	646164	45.293	ng	98
14) 1,2-Dichlorobenzene	6.892	146	602538	46.015	ng	98
15) Benzyl Alcohol	6.881	79	526537	47.362	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.004	45	953257	39.373	ng	94
17) 2-Methylphenol	6.992	107	491648	40.266	ng	98
18) Hexachloroethane	7.234	117	221035	47.054	ng	95
19) n-Nitroso-di-n-propyla...	7.151	70	440989	39.990	ng	97
20) 3+4-Methylphenols	7.145	107	556516	39.797	ng	92
22) Acetophenone	7.139	105	786801	44.380	ng	# 96
24) Nitrobenzene	7.316	77	673786	42.532	ng	97
25) Isophorone	7.551	82	1267562	42.308	ng	99
26) 2-Nitrophenol	7.628	139	305291	48.541	ng	98
27) 2,4-Dimethylphenol	7.669	122	443519	37.740	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	764689	43.501	ng	99
29) 2,4-Dichlorophenol	7.869	162	482886	44.771	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	526815	46.414	ng	99
31) Naphthalene	8.033	128	1678296	42.689	ng	99
32) Benzoic acid	7.816	122	272272	41.250	ng	98
33) 4-Chloroaniline	8.086	127	204305	13.253	ng	98
34) Hexachlorobutadiene	8.145	225	306957	45.808	ng	99
35) Caprolactam	8.463	113	163896m	44.814	ng	
36) 4-Chloro-3-methylphenol	8.575	107	529222	43.897	ng	99
37) 2-Methylnaphthalene	8.722	142	1019180	40.666	ng	100
38) 1-Methylnaphthalene	8.822	142	976001	41.352	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	513063	47.410	ng	100
41) Hexachlorocyclopentadiene	8.875	237	377952	85.006	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	328897	46.670	ng	98

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44) 2,4,5-Trichlorophenol	9.057	196	342078	42.138	ng	97
46) 1,1'-Biphenyl	9.186	154	1278802	45.074	ng	99
47) 2-Chloronaphthalene	9.210	162	1002847	46.362	ng	99
48) 2-Nitroaniline	9.316	65	343534	46.726	ng	96
49) Acenaphthylene	9.627	152	1580105	45.646	ng	99
50) Dimethylphthalate	9.492	163	1195046	44.287	ng	99
51) 2,6-Dinitrotoluene	9.557	165	265210	46.990	ng	88
52) Acenaphthene	9.798	154	885321	42.838	ng	99
53) 3-Nitroaniline	9.727	138	170712	28.596	ng	87
54) 2,4-Dinitrophenol	9.833	184	238620	85.995	ng	95
55) Dibenzofuran	9.969	168	1335162	42.417	ng	100
56) 4-Nitrophenol	9.898	139	350530	82.388	ng	98
57) 2,4-Dinitrotoluene	9.963	165	331866	47.861	ng	96
58) Fluorene	10.310	166	1030934	42.647	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	297067	45.633	ng	95
60) Diethylphthalate	10.192	149	1126455	44.207	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	508813	42.948	ng	96
62) 4-Nitroaniline	10.345	138	222006	43.268	ng	93
63) Azobenzene	10.463	77	1225588	41.769	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	187194	50.708	ng	83
66) n-Nitrosodiphenylamine	10.427	169	929004	43.556	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	321995	44.633	ng	97
68) Hexachlorobenzene	10.857	284	356700	48.954	ng	# 90
69) Atrazine	10.957	200	276043	42.574	ng	98
70) Pentachlorophenol	11.051	266	369040	83.781	ng	99
71) Phenanthrene	11.269	178	1545710	42.881	ng	99
72) Anthracene	11.321	178	1591214	42.980	ng	99
73) Carbazole	11.480	167	1410141	44.467	ng	99
74) Di-n-butylphthalate	11.810	149	1682140	44.584	ng	99
75) Fluoranthene	12.457	202	1569103	44.533	ng	97
77) Benzidine	12.586	184	140564	14.050	ng	97
78) Pyrene	12.680	202	1571647	39.180	ng	99
80) Butylbenzylphthalate	13.304	149	582388	56.849	ng	97
81) Benzo(a)anthracene	13.868	228	1189865	41.526	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	281946	36.950	ng	98
83) Chrysene	13.910	228	1252181	43.239	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	757711	58.191	ng	# 98
85) Di-n-octyl phthalate	14.474	149	1243153	49.358	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1050803	46.043	ng	97
88) Benzo(b)fluoranthene	14.898	252	1048575	51.112	ng	98
89) Benzo(k)fluoranthene	14.921	252	997206	45.255	ng	98
90) Benzo(a)pyrene	15.245	252	907305	44.879	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	841734	45.465	ng	97
92) Benzo(g,h,i)perylene	17.109	276	855390	44.989	ng	99

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

