

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137711.D
 Acq On : 24 Apr 2024 11:04
 Operator : CG\JU
 Sample : PB160424BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160424BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 11:52:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	310971	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1276117	20.000	ng	0.00
39) Acenaphthene-d10	10.116	164	718357	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1226234	20.000	ng	0.00
76) Chrysene-d12	14.263	240	813422	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	644767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	2502371	122.236	ng	0.02
7) Phenol-d6	6.681	99	3187279	122.603	ng	0.00
23) Nitrobenzene-d5	7.628	82	2019982	84.026	ng	0.00
42) 2,4,6-Tribromophenol	10.910	330	940231	129.709	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	3789403	78.821	ng	0.00
79) Terphenyl-d14	13.198	244	4338164	85.841	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.116	88	351232	38.316	ng	99
3) Pyridine	3.840	79	903553	37.002	ng	99
4) n-Nitrosodimethylamine	3.810	42	508478	44.617	ng	97
6) Aniline	6.728	93	888572m	27.462	ng	
8) 2-Chlorophenol	6.845	128	1046653	48.978	ng	96
9) Benzaldehyde	6.616	77	45561	3.123	ng	94
10) Phenol	6.693	94	1224416	47.146	ng	94
11) bis(2-Chloroethyl)ether	6.798	93	971837	45.878	ng	99
12) 1,3-Dichlorobenzene	7.004	146	1058561	47.235	ng	99
13) 1,4-Dichlorobenzene	7.081	146	1074026	47.603	ng	98
14) 1,2-Dichlorobenzene	7.234	146	1040242	49.531	ng	99
15) Benzyl Alcohol	7.198	79	894139	45.977	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1493602	45.848	ng	99
17) 2-Methylphenol	7.304	107	844482	44.479	ng	99
18) Hexachloroethane	7.581	117	386808	48.440	ng	98
19) n-Nitroso-di-n-propyla...	7.475	70	751028	44.676	ng	99
20) 3+4-Methylphenols	7.457	107	1079764	44.032	ng	# 88
22) Acetophenone	7.475	105	1419212	45.470	ng	99
24) Nitrobenzene	7.645	77	1093749	45.033	ng	94
25) Isophorone	7.881	82	2062180	46.188	ng	98
26) 2-Nitrophenol	7.963	139	540894	50.748	ng	98
27) 2,4-Dimethylphenol	7.987	122	822543	38.252	ng	99
28) bis(2-Chloroethoxy)met...	8.092	93	1237813	45.390	ng	99
29) 2,4-Dichlorophenol	8.198	162	890522	47.254	ng	97
30) 1,2,4-Trichlorobenzene	8.287	180	912840	47.522	ng	100
31) Naphthalene	8.375	128	2954393	45.369	ng	100
32) Benzoic acid	8.110	122	663964	48.766	ng	99
33) 4-Chloroaniline	8.410	127	417184	15.135	ng	99
34) Hexachlorobutadiene	8.481	225	533569	46.334	ng	98
35) Caprolactam	8.792	113	259529m	42.595	ng	
36) 4-Chloro-3-methylphenol	8.886	107	940314	47.044	ng	99
37) 2-Methylnaphthalene	9.063	142	1978082	44.257	ng	99
38) 1-Methylnaphthalene	9.163	142	1848803	44.242	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	889985	45.191	ng	99
41) Hexachlorocyclopentadiene	9.216	237	1083478	98.188	ng	98
43) 2,4,6-Trichlorophenol	9.334	196	654446	47.369	ng	96

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44) 2,4,5-Trichlorophenol	9.375	196	698066	44.087	ng	98
46) 1,1'-Biphenyl	9.528	154	2379913	45.541	ng	99
47) 2-Chloronaphthalene	9.557	162	1866641	46.337	ng	99
48) 2-Nitroaniline	9.651	65	588868	47.971	ng	94
49) Acenaphthylene	9.981	152	2933940	46.702	ng	100
50) Dimethylphthalate	9.828	163	2265000	45.255	ng	99
51) 2,6-Dinitrotoluene	9.892	165	500088	47.423	ng	93
52) Acenaphthene	10.151	154	1964432	48.292	ng	99
53) 3-Nitroaniline	10.063	138	340753	28.754	ng	98
54) 2,4-Dinitrophenol	10.169	184	543424	95.804	ng	# 45
55) Dibenzofuran	10.322	168	2653865	44.507	ng	98
56) 4-Nitrophenol	10.216	139	878963	95.375	ng	99
57) 2,4-Dinitrotoluene	10.298	165	684633	51.498	ng	99
58) Fluorene	10.669	166	2076665	44.571	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.433	232	579594	47.274	ng	99
60) Diethylphthalate	10.533	149	2190863	45.511	ng	99
61) 4-Chlorophenyl-phenyle...	10.651	204	1026350	44.582	ng	99
62) 4-Nitroaniline	10.686	138	528069	46.783	ng	100
63) Azobenzene	10.816	77	2206422	44.729	ng	97
65) 4,6-Dinitro-2-methylph...	10.704	198	375726	53.440	ng	95
66) n-Nitrosodiphenylamine	10.775	169	1872666	45.090	ng	99
67) 4-Bromophenyl-phenylether	11.145	248	653029	45.959	ng	98
68) Hexachlorobenzene	11.210	284	673838	48.679	ng	96
69) Atrazine	11.298	200	622417	54.215	ng	98
70) Pentachlorophenol	11.404	266	918264	88.186	ng	100
71) Phenanthrene	11.633	178	2905680	44.764	ng	99
72) Anthracene	11.686	178	2981505	44.856	ng	100
73) Carbazole	11.839	167	2745877	45.584	ng	99
74) Di-n-butylphthalate	12.157	149	3324856	45.278	ng	99
75) Fluoranthene	12.827	202	3060081	44.850	ng	97
77) Benzidine	12.939	184	735556	38.716	ng	99
78) Pyrene	13.063	202	3105845	46.519	ng	99
80) Butylbenzylphthalate	13.669	149	1221838	51.606	ng	91
81) Benzo(a)anthracene	14.251	228	2672065	47.098	ng	99
82) 3,3'-Dichlorobenzidine	14.204	252	535606	30.512	ng	98
83) Chrysene	14.292	228	2454512	46.302	ng	100
84) Bis(2-ethylhexyl)phtha...	14.221	149	1867100	52.218	ng	99
85) Di-n-octyl phthalate	14.851	149	2794557	52.031	ng	99
87) Indeno(1,2,3-cd)pyrene	17.480	276	1893914	52.975	ng	99
88) Benzo(b)fluoranthene	15.357	252	2035474	49.334	ng	100
89) Benzo(k)fluoranthene	15.392	252	2001959	49.361	ng	99
90) Benzo(a)pyrene	15.768	252	1773754	47.923	ng	99
91) Dibenzo(a,h)anthracene	17.504	278	1540319	51.919	ng	99
92) Benzo(g,h,i)perylene	17.986	276	1458517	50.557	ng	99

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

