

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137715.D
 Acq On : 24 Apr 2024 13:11
 Operator : CG\JU
 Sample : PB160462BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160462BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 13:51:03 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	306006	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1247261	20.000	ng	0.00
39) Acenaphthene-d10	10.116	164	662309	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1192211	20.000	ng	0.00
76) Chrysene-d12	14.262	240	826164	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	670411	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	1750195	86.881	ng	0.02
7) Phenol-d6	6.681	99	2230900	87.207	ng	0.00
23) Nitrobenzene-d5	7.628	82	1974282	84.025	ng	0.00
42) 2,4,6-Tribromophenol	10.910	330	626006	93.669	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	3682428	83.078	ng	0.00
79) Terphenyl-d14	13.198	244	4222139	82.257	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	329868	36.569	ng	98
3) Pyridine	3.822	79	852854	35.492	ng	99
4) n-Nitrosodimethylamine	3.798	42	477075	42.541	ng	95
6) Aniline	6.728	93	961924	30.211	ng	98
8) 2-Chlorophenol	6.845	128	1008113	47.940	ng	96
9) Benzaldehyde	6.616	77	227002	15.812	ng	95
10) Phenol	6.692	94	1184837	46.362	ng	98
11) bis(2-Chloroethyl)ether	6.792	93	929232	44.578	ng	97
12) 1,3-Dichlorobenzene	7.004	146	1013782	45.971	ng	99
13) 1,4-Dichlorobenzene	7.081	146	1019228	45.907	ng	99
14) 1,2-Dichlorobenzene	7.234	146	985549	47.689	ng	98
15) Benzyl Alcohol	7.198	79	848653	44.346	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.334	45	1451816	45.288	ng	98
17) 2-Methylphenol	7.304	107	816665	43.711	ng	98
18) Hexachloroethane	7.581	117	360964	45.937	ng	98
19) n-Nitroso-di-n-propyla...	7.475	70	712597	43.078	ng	100
20) 3+4-Methylphenols	7.457	107	1034748	42.881	ng	89
22) Acetophenone	7.475	105	1336204	43.801	ng	100
24) Nitrobenzene	7.645	77	1042530	43.917	ng	94
25) Isophorone	7.886	82	1966357	45.061	ng	100
26) 2-Nitrophenol	7.963	139	507583	48.725	ng	97
27) 2,4-Dimethylphenol	7.986	122	971803	46.239	ng	98
28) bis(2-Chloroethoxy)met...	8.092	93	1183171	44.390	ng	99
29) 2,4-Dichlorophenol	8.198	162	853652	46.345	ng	97
30) 1,2,4-Trichlorobenzene	8.286	180	857120	45.654	ng	99
31) Naphthalene	8.375	128	2798254	43.965	ng	100
32) Benzoic acid	8.104	122	586882	44.102	ng	98
33) 4-Chloroaniline	8.410	127	507037	18.821	ng	99
34) Hexachlorobutadiene	8.486	225	505566	44.918	ng	98
35) Caprolactam	8.786	113	258083m	43.338	ng	
36) 4-Chloro-3-methylphenol	8.886	107	897981	45.966	ng	100
37) 2-Methylnaphthalene	9.063	142	1865839	42.711	ng	99
38) 1-Methylnaphthalene	9.163	142	1743507	42.687	ng	99
40) 1,2,4,5-Tetrachloroben...	9.227	216	827476	45.572	ng	99
41) Hexachlorocyclopentadiene	9.216	237	1116914	109.783	ng	99
43) 2,4,6-Trichlorophenol	9.333	196	619437	48.629	ng	97

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44) 2,4,5-Trichlorophenol	9.375	196	659092	45.149	ng	99
46) 1,1'-Biphenyl	9.527	154	2217092	46.015	ng	99
47) 2-Chloronaphthalene	9.557	162	1769600	47.645	ng	99
48) 2-Nitroaniline	9.651	65	549759	48.575	ng	92
49) Acenaphthylene	9.980	152	2667713	46.058	ng	100
50) Dimethylphthalate	9.827	163	2148949	46.570	ng	99
51) 2,6-Dinitrotoluene	9.892	165	491407	50.543	ng	90
52) Acenaphthene	10.151	154	1898654	50.625	ng	99
53) 3-Nitroaniline	10.063	138	370333	33.895	ng	97
54) 2,4-Dinitrophenol	10.169	184	516729	98.632	ng	# 42
55) Dibenzofuran	10.322	168	2532077	46.058	ng	98
56) 4-Nitrophenol	10.216	139	887481	104.448	ng	97
57) 2,4-Dinitrotoluene	10.298	165	654033	53.359	ng	97
58) Fluorene	10.669	166	1962567	45.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.433	232	555726	49.163	ng	99
60) Diethylphthalate	10.527	149	2053144	46.260	ng	99
61) 4-Chlorophenyl-phenyle...	10.651	204	964353	45.434	ng	98
62) 4-Nitroaniline	10.686	138	505863	48.609	ng	99
63) Azobenzene	10.816	77	2030129	44.638	ng	97
65) 4,6-Dinitro-2-methylph...	10.704	198	345417	50.531	ng	93
66) n-Nitrosodiphenylamine	10.774	169	1781497	44.119	ng	100
67) 4-Bromophenyl-phenylether	11.145	248	611662	44.276	ng	97
68) Hexachlorobenzene	11.210	284	631349	46.911	ng	97
69) Atrazine	11.298	200	608029	54.473	ng	99
70) Pentachlorophenol	11.404	266	810627	80.070	ng	99
71) Phenanthrene	11.633	178	2786951	44.160	ng	100
72) Anthracene	11.686	178	2816565	43.584	ng	99
73) Carbazole	11.839	167	2628161	44.875	ng	99
74) Di-n-butylphthalate	12.157	149	3127484	43.806	ng	99
75) Fluoranthene	12.827	202	2916316	43.963	ng	98
77) Benzidine	12.939	184	741929	38.449	ng	99
78) Pyrene	13.063	202	2940198	43.359	ng	100
80) Butylbenzylphthalate	13.668	149	1158640	48.182	ng	92
81) Benzo(a)anthracene	14.251	228	2639393	45.804	ng	100
82) 3,3'-Dichlorobenzidine	14.210	252	587027	32.926	ng	# 99
83) Chrysene	14.292	228	2352426	43.692	ng	99
84) Bis(2-ethylhexyl)phtha...	14.221	149	1726331	47.536	ng	99
85) Di-n-octyl phthalate	14.851	149	2764123	50.670	ng	99
87) Indeno(1,2,3-cd)pyrene	17.480	276	1781225	47.918	ng	99
88) Benzo(b)fluoranthene	15.362	252	2174972	50.698	ng	99
89) Benzo(k)fluoranthene	15.398	252	2170581	51.472	ng	98
90) Benzo(a)pyrene	15.768	252	1757953	45.680	ng	100
91) Dibenzo(a,h)anthracene	17.503	278	1494059	48.433	ng	99
92) Benzo(g,h,i)perylene	17.986	276	1428418	47.620	ng	99

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

