

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137575.D
 Acq On : 13 Mar 2024 14:14
 Operator : CG\JU
 Sample : P1725-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MS

Quant Time: Mar 13 15:47:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	222693	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	865176	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	477319	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	760348	20.000	ng	0.00
76) Chrysene-d12	14.104	240	439262	20.000	ng	0.00
86) Perylene-d12	15.657	264	507303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1393772	94.791	ng	0.02
7) Phenol-d6	6.563	99	1943891	91.588	ng	0.00
23) Nitrobenzene-d5	7.475	82	1204770	64.702	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	429208	102.395	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1883237	61.761	ng	0.00
79) Terphenyl-d14	13.039	244	1725062	54.003	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.875	88	315392	39.229	ng	97
3) Pyridine	3.657	79	758569	39.122	ng	98
4) n-Nitrosodimethylamine	3.646	42	351503	45.009	ng	98
6) Aniline	6.587	93	594286	22.915	ng	97
8) 2-Chlorophenol	6.704	128	732940	47.260	ng	98
9) Benzaldehyde	6.475	77	269718	25.939	ng	94
10) Phenol	6.575	94	993548	43.492	ng	98
11) bis(2-Chloroethyl)ether	6.657	93	763781	45.625	ng	100
12) 1,3-Dichlorobenzene	6.851	146	746685	45.057	ng	99
13) 1,4-Dichlorobenzene	6.928	146	769423	45.378	ng	98
14) 1,2-Dichlorobenzene	7.081	146	725920	46.644	ng	96
15) Benzyl Alcohol	7.057	79	678298	51.334	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1157091	40.211	ng	92
17) 2-Methylphenol	7.169	107	598575	41.247	ng	97
18) Hexachloroethane	7.416	117	261417	46.823	ng	96
19) n-Nitroso-di-n-propyla...	7.328	70	534109	40.752	ng	99
20) 3+4-Methylphenols	7.322	107	686078	41.280	ng	97
22) Acetophenone	7.322	105	937742	44.797	ng	98
24) Nitrobenzene	7.492	77	827638	44.247	ng	97
25) Isophorone	7.728	82	1583561	44.764	ng	99
26) 2-Nitrophenol	7.804	139	386832	52.090	ng	96
27) 2,4-Dimethylphenol	7.845	122	525682	37.884	ng	97
28) bis(2-Chloroethoxy)met...	7.939	93	943192	45.442	ng	100
29) 2,4-Dichlorophenol	8.045	162	609204	47.837	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	624633	46.608	ng	100
31) Naphthalene	8.204	128	2036838	43.879	ng	100
32) Benzoic acid	7.992	122	373994	46.959	ng	98
33) 4-Chloroaniline	8.257	127	117644	6.463	ng	98
34) Hexachlorobutadiene	8.316	225	366865	46.368	ng	99
35) Caprolactam	8.639	113	213409m	49.420	ng	
36) 4-Chloro-3-methylphenol	8.745	107	674556	47.387	ng	98
37) 2-Methylnaphthalene	8.898	142	1266041	42.783	ng	100
38) 1-Methylnaphthalene	8.992	142	1179678	42.331	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	611187	45.866	ng	99
41) Hexachlorocyclopentadiene	9.045	237	502770	91.170	ng	98
43) 2,4,6-Trichlorophenol	9.181	196	416423	47.988	ng	97

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44) 2,4,5-Trichlorophenol	9.222	196	452950	45.312	ng	97
46) 1,1'-Biphenyl	9.363	154	1556574	44.556	ng	99
47) 2-Chloronaphthalene	9.386	162	1219650	45.790	ng	97
48) 2-Nitroaniline	9.492	65	437635	48.341	ng	98
49) Acenaphthylene	9.804	152	1916044	44.950	ng	100
50) Dimethylphthalate	9.675	163	1497350	45.064	ng	100
51) 2,6-Dinitrotoluene	9.733	165	327942	47.188	ng	100
52) Acenaphthene	9.975	154	1084934	42.633	ng	100
53) 3-Nitroaniline	9.904	138	162774	22.143	ng	95
54) 2,4-Dinitrophenol	10.016	184	326119	94.542	ng	98
55) Dibenzofuran	10.151	168	1607023	41.462	ng	99
56) 4-Nitrophenol	10.080	139	457830	87.114	ng	97
57) 2,4-Dinitrotoluene	10.145	165	390404	45.724	ng	91
58) Fluorene	10.498	166	1224236	41.128	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	364867	45.517	ng	95
60) Diethylphthalate	10.375	149	1389445	44.282	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	607147	41.619	ng	100
62) 4-Nitroaniline	10.528	138	283720	44.906	ng	95
63) Azobenzene	10.651	77	1565702	43.335	ng	100
65) 4,6-Dinitro-2-methylph...	10.551	198	234433	55.320	ng	94
66) n-Nitrosodiphenylamine	10.610	169	1138794	46.511	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	407828	49.245	ng	98
68) Hexachlorobenzene	11.045	284	424729	50.778	ng	# 91
69) Atrazine	11.151	200	359072	48.242	ng	98
70) Pentachlorophenol	11.245	266	448787	88.755	ng	99
71) Phenanthrene	11.463	178	1854615	44.819	ng	98
72) Anthracene	11.516	178	1850607	43.544	ng	100
73) Carbazole	11.674	167	1593640	43.777	ng	99
74) Di-n-butylphthalate	12.010	149	2002298	46.230	ng	99
75) Fluoranthene	12.663	202	1847268	45.671	ng	98
77) Benzidine	12.792	184	502609	46.755	ng	98
78) Pyrene	12.892	202	1808883	41.968	ng	99
80) Butylbenzylphthalate	13.521	149	670998	60.958	ng	99
81) Benzo(a)anthracene	14.092	228	1448120	47.036	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	312004	38.055	ng	99
83) Chrysene	14.133	228	1495052	48.047	ng	100
84) Bis(2-ethylhexyl)phtha...	14.092	149	868685	62.089	ng	# 98
85) Di-n-octyl phthalate	14.721	149	1723634	62.063	ng	97
87) Indeno(1,2,3-cd)pyrene	17.304	276	1474992	44.183	ng	98
88) Benzo(b)fluoranthene	15.192	252	1547002	51.551	ng	99
89) Benzo(k)fluoranthene	15.227	252	1422626	44.136	ng	99
90) Benzo(a)pyrene	15.592	252	1401316	47.386	ng	99
91) Dibenzo(a,h)anthracene	17.333	278	1170650	43.227	ng	99
92) Benzo(g,h,i)perylene	17.809	276	1105732	39.757	ng	98

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

