

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138040.D
 Acq On : 28 May 2024 11:38
 Operator : CG\JU
 Sample : PB161134BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161134BS

Quant Time: May 28 12:31:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	153101	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	594063	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	337531	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	567544	20.000	ng	0.00
76) Chrysene-d12	14.233	240	317139	20.000	ng	0.00
86) Perylene-d12	15.798	264	307118	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1102495	122.321	ng	0.01
7) Phenol-d6	6.663	99	1363711	122.827	ng	0.00
23) Nitrobenzene-d5	7.604	82	837453	82.962	ng	0.00
42) 2,4,6-Tribromophenol	10.881	330	471863	138.648	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1808355	82.528	ng	0.00
79) Terphenyl-d14	13.169	244	1915194	89.002	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	137885	35.314	ng	98
3) Pyridine	3.781	79	340544	38.870	ng	98
4) n-Nitrosodimethylamine	3.746	42	166737	43.141	ng	# 97
6) Aniline	6.698	93	328855m	33.115	ng	
8) 2-Chlorophenol	6.822	128	449315	46.065	ng	100
9) Benzaldehyde	6.593	77	333884	55.584	ng	99
10) Phenol	6.675	94	509485	45.463	ng	95
11) bis(2-Chloroethyl)ether	6.769	93	393609	45.744	ng	98
12) 1,3-Dichlorobenzene	6.975	146	478296	42.382	ng	97
13) 1,4-Dichlorobenzene	7.051	146	484170	42.742	ng	98
14) 1,2-Dichlorobenzene	7.204	146	467085	43.811	ng	99
15) Benzyl Alcohol	7.175	79	355965	48.013	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.298	45	489495	46.279	ng	99
17) 2-Methylphenol	7.281	107	351518	45.190	ng	99
18) Hexachloroethane	7.545	117	164083	42.805	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	285895	45.833	ng	98
20) 3+4-Methylphenols	7.428	107	447860	43.948	ng	93
22) Acetophenone	7.445	105	598303	44.958	ng	# 98
24) Nitrobenzene	7.622	77	433729	42.355	ng	98
25) Isophorone	7.851	82	797671	45.530	ng	99
26) 2-Nitrophenol	7.934	139	245918	47.793	ng	98
27) 2,4-Dimethylphenol	7.957	122	326395	49.269	ng	99
28) bis(2-Chloroethoxy)met...	8.057	93	486875	45.853	ng	99
29) 2,4-Dichlorophenol	8.175	162	386755	46.426	ng	98
30) 1,2,4-Trichlorobenzene	8.257	180	409469	44.023	ng	99
31) Naphthalene	8.345	128	1313056	43.959	ng	100
32) Benzoic acid	8.087	122	284587	50.818	ng	94
33) 4-Chloroaniline	8.381	127	175401	17.913	ng	98
34) Hexachlorobutadiene	8.451	225	250728	42.588	ng	99
35) Caprolactam	8.769	113	122146m	50.609	ng	
36) 4-Chloro-3-methylphenol	8.863	107	400830	47.299	ng	96
37) 2-Methylnaphthalene	9.034	142	862449	44.919	ng	99
38) 1-Methylnaphthalene	9.134	142	803605	42.573	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	419080	45.670	ng	99
41) Hexachlorocyclopentadiene	9.187	237	412266	118.239	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	284038	47.209	ng	98

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44) 2,4,5-Trichlorophenol	9.357	196	306267	46.523	ng	100
46) 1,1'-Biphenyl	9.504	154	1062222	44.869	ng	99
47) 2-Chloronaphthalene	9.528	162	825452	43.679	ng	98
48) 2-Nitroaniline	9.622	65	226168	46.735	ng	99
49) Acenaphthylene	9.951	152	1309699	48.198	ng	99
50) Dimethylphthalate	9.798	163	995692	47.042	ng	100
51) 2,6-Dinitrotoluene	9.863	165	222579	45.818	ng	100
52) Acenaphthene	10.122	154	881072	49.058	ng	100
53) 3-Nitroaniline	10.034	138	152271	32.063	ng	100
54) 2,4-Dinitrophenol	10.145	184	239360	90.229	ng	# 81
55) Dibenzofuran	10.292	168	1184524	45.319	ng	99
56) 4-Nitrophenol	10.192	139	333391	97.742	ng	98
57) 2,4-Dinitrotoluene	10.269	165	297218	47.327	ng	# 88
58) Fluorene	10.639	166	937870	45.365	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.404	232	259767	50.229	ng	97
60) Diethylphthalate	10.498	149	934100	47.254	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	468065	45.910	ng	99
62) 4-Nitroaniline	10.657	138	202148	44.878	ng	98
63) Azobenzene	10.786	77	837080	46.555	ng	99
65) 4,6-Dinitro-2-methylph...	10.681	198	169736	51.796	ng	98
66) n-Nitrosodiphenylamine	10.745	169	814637	46.805	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	291815	46.901	ng	99
68) Hexachlorobenzene	11.186	284	317912	46.224	ng	97
69) Atrazine	11.269	200	272215	57.276	ng	100
70) Pentachlorophenol	11.381	266	370450	91.953	ng	98
71) Phenanthrene	11.610	178	1290084	46.127	ng	99
72) Anthracene	11.657	178	1312094	47.284	ng	99
73) Carbazole	11.810	167	1172701	46.262	ng	100
74) Di-n-butylphthalate	12.128	149	1411865	50.187	ng	100
75) Fluoranthene	12.798	202	1269570	44.722	ng	98
77) Benzidine	12.916	184	100290	24.197	ng	99
78) Pyrene	13.033	202	1267118	45.681	ng	100
80) Butylbenzylphthalate	13.633	149	444333	53.108	ng	95
81) Benzo(a)anthracene	14.221	228	960483	47.870	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	211570	38.050	ng	99
83) Chrysene	14.263	228	905071	47.166	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	559791	53.226	ng	98
85) Di-n-octyl phthalate	14.816	149	895231	63.007	ng	99
87) Indeno(1,2,3-cd)pyrene	17.439	276	1003051	50.835	ng	99
88) Benzo(b)fluoranthene	15.327	252	898209	50.511	ng	99
89) Benzo(k)fluoranthene	15.363	252	814843	46.644	ng	99
90) Benzo(a)pyrene	15.733	252	782753	51.550	ng	98
91) Dibenzo(a,h)anthracene	17.457	278	807834	49.553	ng	99
92) Benzo(g,h,i)perylene	17.933	276	785435	45.863	ng	99

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

