

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139306.D
 Acq On : 10 Sep 2024 18:29
 Operator : RC/JU
 Sample : P3872-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-S-07-202409MSD

Quant Time: Sep 11 01:30:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
 Supervised By :mohammad ahmed 09/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	122660	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	442373	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	229006	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	360028	20.000	ng	0.00
76) Chrysene-d12	14.051	240	208038	20.000	ng	0.00
86) Perylene-d12	15.521	264	169034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	982438	133.987	ng	0.02
7) Phenol-d6	6.522	99	1284958	131.272	ng	0.00
23) Nitrobenzene-d5	7.457	82	854133	100.445	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	289388	146.340	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1514279	102.072	ng	0.00
79) Terphenyl-d14	12.998	244	1144370	88.814	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.928	88	133035m	38.961	ng	
3) Pyridine	3.610	79	255265	30.970	ng	97
4) n-Nitrosodimethylamine	3.552	42	245032	45.780	ng	98
6) Aniline	6.551	93	176573	19.617	ng	# 47
8) 2-Chlorophenol	6.675	128	383128	50.418	ng	98
9) Benzaldehyde	6.440	77	64598	10.902	ng	98
10) Phenol	6.540	94	465292	45.065	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	375604	50.778	ng	99
12) 1,3-Dichlorobenzene	6.834	146	390910	45.448	ng	99
13) 1,4-Dichlorobenzene	6.904	146	400738	46.548	ng	99
14) 1,2-Dichlorobenzene	7.057	146	382490	47.637	ng	100
15) Benzyl Alcohol	7.034	79	367320	51.456	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	698308	49.591	ng	96
17) 2-Methylphenol	7.140	107	306216	49.331	ng	98
18) Hexachloroethane	7.398	117	147411	47.942	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	294392	52.220	ng	98
20) 3+4-Methylphenols	7.293	107	383121	48.973	ng	95
22) Acetophenone	7.298	105	520408	49.380	ng	99
24) Nitrobenzene	7.475	77	431919	47.856	ng	99
25) Isophorone	7.710	82	768451	52.858	ng	99
26) 2-Nitrophenol	7.787	139	200605	56.590	ng	99
27) 2,4-Dimethylphenol	7.822	122	311874	61.689	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	451646	52.144	ng	99
29) 2,4-Dichlorophenol	8.028	162	316759	52.329	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	329815	47.706	ng	99
31) Naphthalene	8.192	128	1098241	49.024	ng	100
32) Benzoic acid	7.940	122	200779	43.601	ng	99
33) 4-Chloroaniline	8.240	127	42411	5.468	ng	98
34) Hexachlorobutadiene	8.310	225	218872	49.962	ng	99
35) Caprolactam	8.610	113	77615m	41.417	ng	
36) 4-Chloro-3-methylphenol	8.722	107	343226	52.033	ng	99
37) 2-Methylnaphthalene	8.887	142	710615	50.700	ng	99
38) 1-Methylnaphthalene	8.987	142	655077	47.522	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	334387	51.609	ng	98
41) Hexachlorocyclopentadiene	9.034	237	301581	144.834	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	232503	54.845	ng	98

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44) 2,4,5-Trichlorophenol	9.204	196	238772	53.749	ng	99
46) 1,1'-Biphenyl	9.351	154	876019	51.630	ng	99
47) 2-Chloronaphthalene	9.375	162	653258	50.989	ng	99
48) 2-Nitroaniline	9.469	65	240689	54.543	ng	98
49) Acenaphthylene	9.792	152	1049120	54.369	ng	100
50) Dimethylphthalate	9.651	163	789707	56.895	ng	99
51) 2,6-Dinitrotoluene	9.710	165	167048	53.050	ng	97
52) Acenaphthene	9.963	154	718348	56.128	ng	99
53) 3-Nitroaniline	9.881	138	93065	27.740	ng	98
54) 2,4-Dinitrophenol	9.986	184	143647	86.405	ng	# 67
55) Dibenzofuran	10.134	168	953317	51.954	ng	99
56) 4-Nitrophenol	10.039	139	237324	95.841	ng	99
57) 2,4-Dinitrotoluene	10.116	165	217602	54.294	ng	98
58) Fluorene	10.475	166	708239	49.783	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	188337	53.858	ng	98
60) Diethylphthalate	10.351	149	777861	56.947	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	357798	52.152	ng	99
62) 4-Nitroaniline	10.498	138	142682	44.679	ng	99
63) Azobenzene	10.628	77	751443	52.196	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	91168	54.804	ng	94
66) n-Nitrosodiphenylamine	10.586	169	628681	59.989	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	207531	59.411	ng	100
68) Hexachlorobenzene	11.022	284	216357	54.105	ng	100
69) Atrazine	11.116	200	192664	79.684	ng	99
70) Pentachlorophenol	11.216	266	241266	104.447	ng	98
71) Phenanthrene	11.439	178	896190	53.284	ng	100
72) Anthracene	11.492	178	900157	54.788	ng	100
73) Carbazole	11.645	167	778164	50.675	ng	100
74) Di-n-butylphthalate	11.975	149	1048182	66.665	ng	99
75) Fluoranthene	12.627	202	847108	50.238	ng	99
77) Benzidine	12.745	184	88712	21.178	ng	99
78) Pyrene	12.851	202	848642	42.228	ng	100
80) Butylbenzylphthalate	13.475	149	348518	73.668	ng	98
81) Benzo(a)anthracene	14.039	228	696568	52.436	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	151786	43.025	ng	98
83) Chrysene	14.080	228	682134	55.018	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	465998	83.920	ng	100
85) Di-n-octyl phthalate	14.645	149	775625	72.957	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	450811	42.691	ng	97
88) Benzo(b)fluoranthene	15.092	252	610324	62.696	ng	100
89) Benzo(k)fluoranthene	15.121	252	513367	58.816	ng	99
90) Benzo(a)pyrene	15.463	252	482464	58.367	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	371501	42.690	ng	99
92) Benzo(g,h,i)perylene	17.451	276	322904	35.947	ng	99

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

