

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139305.D
 Acq On : 10 Sep 2024 17:59
 Operator : RC/JU
 Sample : P3872-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 11 01:29:47 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	6.893	152	111006	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	415379	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	219134	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	331421	20.000	ng	0.00
76) Chrysene-d12	14.051	240	196146	20.000	ng	0.00
86) Perylene-d12	15.527	264	162684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	938745	141.469	ng	0.02
7) Phenol-d6	6.522	99	1201564	135.640	ng	0.00
23) Nitrobenzene-d5	7.457	82	805484	100.880	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	271310	143.379	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1436851	101.216	ng	0.00
79) Terphenyl-d14	12.998	244	1066909	87.823	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.911	88	123828	40.072	ng	# 78
3) Pyridine	3.593	79	230175	30.858	ng	98
4) n-Nitrosodimethylamine	3.540	42	230255	47.536	ng	100
6) Aniline	6.551	93	166022	20.381	ng	# 54
8) 2-Chlorophenol	6.675	128	368052	53.519	ng	97
9) Benzaldehyde	6.440	77	57603	10.742	ng	99
10) Phenol	6.540	94	445863	47.717	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	351369	52.489	ng	99
12) 1,3-Dichlorobenzene	6.834	146	374138	48.065	ng	100
13) 1,4-Dichlorobenzene	6.910	146	377857	48.498	ng	100
14) 1,2-Dichlorobenzene	7.057	146	362609	49.902	ng	99
15) Benzyl Alcohol	7.034	79	346620	53.654	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	665285	52.206	ng	96
17) 2-Methylphenol	7.140	107	292026	51.985	ng	97
18) Hexachloroethane	7.404	117	138874	49.907	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	275919	54.081	ng	99
20) 3+4-Methylphenols	7.293	107	368645	52.070	ng	96
22) Acetophenone	7.298	105	498112	50.336	ng	99
24) Nitrobenzene	7.475	77	407863	48.127	ng	100
25) Isophorone	7.710	82	739259	54.155	ng	100
26) 2-Nitrophenol	7.787	139	187110	56.214	ng	98
27) 2,4-Dimethylphenol	7.822	122	294445	62.026	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	430282	52.905	ng	99
29) 2,4-Dichlorophenol	8.028	162	301536	53.051	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	315952	48.671	ng	100
31) Naphthalene	8.193	128	1045716	49.712	ng	100
32) Benzoic acid	7.940	122	191271	44.235	ng	99
33) 4-Chloroaniline	8.240	127	48232	6.622	ng	98
34) Hexachlorobutadiene	8.310	225	205192	49.883	ng	99
35) Caprolactam	8.610	113	74146m	42.138	ng	
36) 4-Chloro-3-methylphenol	8.722	107	328813	53.087	ng	98
37) 2-Methylnaphthalene	8.887	142	676677	51.416	ng	99
38) 1-Methylnaphthalene	8.987	142	629464	48.631	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	316288	51.015	ng	99
41) Hexachlorocyclopentadiene	9.034	237	279714	140.384	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	220485	54.353	ng	100

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44) 2,4,5-Trichlorophenol	9.204	196	228137	53.668	ng	98
46) 1,1'-Biphenyl	9.351	154	835096	51.436	ng	99
47) 2-Chloronaphthalene	9.375	162	615282	50.189	ng	99
48) 2-Nitroaniline	9.469	65	227476	53.871	ng	99
49) Acenaphthylene	9.792	152	1007030	54.539	ng	100
50) Dimethylphthalate	9.651	163	750415	56.500	ng	99
51) 2,6-Dinitrotoluene	9.710	165	159459	52.922	ng	100
52) Acenaphthene	9.963	154	682793	55.753	ng	98
53) 3-Nitroaniline	9.881	138	88801	27.661	ng	99
54) 2,4-Dinitrophenol	9.987	184	133425	84.093	ng	# 67
55) Dibenzofuran	10.134	168	905696	51.582	ng	99
56) 4-Nitrophenol	10.039	139	227841	96.156	ng	98
57) 2,4-Dinitrotoluene	10.116	165	204953	53.442	ng	99
58) Fluorene	10.475	166	676804	49.717	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	180319	53.889	ng	97
60) Diethylphthalate	10.351	149	738392	56.493	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	337029	51.337	ng	98
62) 4-Nitroaniline	10.492	138	136359	44.622	ng	100
63) Azobenzene	10.628	77	711675	51.661	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	84326	55.066	ng	92
66) n-Nitrosodiphenylamine	10.586	169	595889	61.768	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	195134	60.684	ng	99
68) Hexachlorobenzene	11.022	284	204718	55.613	ng	99
69) Atrazine	11.116	200	179780	80.773	ng	99
70) Pentachlorophenol	11.216	266	224963	105.796	ng	98
71) Phenanthrene	11.439	178	836884	54.053	ng	99
72) Anthracene	11.492	178	847913	56.063	ng	100
73) Carbazole	11.645	167	731503	51.748	ng	100
74) Di-n-butylphthalate	11.975	149	972254	67.174	ng	100
75) Fluoranthene	12.628	202	789889	50.888	ng	99
77) Benzidine	12.745	184	70154	17.763	ng	99
78) Pyrene	12.857	202	799503	42.195	ng	100
80) Butylbenzylphthalate	13.475	149	321891	72.165	ng	98
81) Benzo(a)anthracene	14.039	228	673278	53.755	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	147393	44.313	ng	99
83) Chrysene	14.080	228	659135	56.386	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	432367	82.585	ng	100
85) Di-n-octyl phthalate	14.645	149	744089	74.234	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	438606	43.157	ng	98
88) Benzo(b)fluoranthene	15.092	252	575104	61.384	ng	99
89) Benzo(k)fluoranthene	15.127	252	519071	61.791	ng	99
90) Benzo(a)pyrene	15.463	252	473436	59.511	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	363640	43.418	ng	99
92) Benzo(g,h,i)perylene	17.451	276	321524	37.191	ng	99

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

