

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134262.D
 Acq On : 13 Jul 2023 15:10
 Operator : CG\JU
 Sample : PB153397BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153397BS

Quant Time: Jul 13 15:39:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	79958	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	303742	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	154715	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	315026	20.000	ng	0.00
76) Chrysene-d12	14.039	240	236829	20.000	ng	0.00
86) Perylene-d12	15.539	264	212072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	557015	116.531	ng	0.00
7) Phenol-d6	6.486	99	655041	111.431	ng	0.00
23) Nitrobenzene-d5	7.404	82	449027	79.689	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	234043	120.652	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	855220	80.367	ng	0.00
79) Terphenyl-d14	12.974	244	1087103	73.876	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	77977	39.564	ng	98
3) Pyridine	3.457	79	160838	31.329	ng	93
4) n-Nitrosodimethylamine	3.404	42	119209	40.657	ng	99
6) Aniline	6.504	93	148039	20.695	ng	# 64
8) 2-Chlorophenol	6.628	128	216955	44.712	ng	99
9) Benzaldehyde	6.392	77	62306	16.270	ng	92
10) Phenol	6.498	94	256471	41.495	ng	95
11) bis(2-Chloroethyl)ether	6.581	93	187547	41.216	ng	97
12) 1,3-Dichlorobenzene	6.781	146	230218	44.503	ng	99
13) 1,4-Dichlorobenzene	6.857	146	236882	45.336	ng	99
14) 1,2-Dichlorobenzene	7.010	146	224840	45.947	ng	97
15) Benzyl Alcohol	6.986	79	196006	43.252	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	322246	40.030	ng	96
17) 2-Methylphenol	7.098	107	179426	41.294	ng	98
18) Hexachloroethane	7.345	117	89348	46.118	ng	93
19) n-Nitroso-di-n-propyla...	7.257	70	153368	41.140	ng	99
20) 3+4-Methylphenols	7.251	107	221681	42.054	ng	96
22) Acetophenone	7.251	105	310665	44.973	ng	96
24) Nitrobenzene	7.428	77	238894	41.955	ng	97
25) Isophorone	7.663	82	415750	40.598	ng	99
26) 2-Nitrophenol	7.739	139	117560	43.038	ng	93
27) 2,4-Dimethylphenol	7.781	122	187831	43.441	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	237752	40.095	ng	99
29) 2,4-Dichlorophenol	7.980	162	181175	42.256	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	195124	44.105	ng	97
31) Naphthalene	8.145	128	613164	41.792	ng	99
32) Benzoic acid	7.904	122	142477	43.975	ng	98
33) 4-Chloroaniline	8.198	127	79041	12.594	ng	98
34) Hexachlorobutadiene	8.257	225	123798	44.361	ng	99
35) Caprolactam	8.569	113	60507m	42.860	ng	
36) 4-Chloro-3-methylphenol	8.680	107	205144	42.591	ng	95
37) 2-Methylnaphthalene	8.833	142	408891	39.410	ng	100
38) 1-Methylnaphthalene	8.933	142	386075	40.027	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	199204	43.459	ng	99
41) Hexachlorocyclopentadiene	8.986	237	168424	77.451	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	131016	41.988	ng	99

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44) 2,4,5-Trichlorophenol	9.163	196	136770	37.264	ng	96
46) 1,1'-Biphenyl	9.304	154	524810	42.287	ng	97
47) 2-Chloronaphthalene	9.327	162	382677	42.143	ng	98
48) 2-Nitroaniline	9.427	65	135144	40.837	ng	97
49) Acenaphthylene	9.745	152	624252	40.244	ng	100
50) Dimethylphthalate	9.604	163	450220	40.088	ng	100
51) 2,6-Dinitrotoluene	9.669	165	100885	41.707	ng	86
52) Acenaphthene	9.916	154	373490	41.496	ng	99
53) 3-Nitroaniline	9.839	138	83454	28.758	ng	95
54) 2,4-Dinitrophenol	9.957	184	108491	77.776	ng	96
55) Dibenzofuran	10.086	168	568277	40.399	ng	98
56) 4-Nitrophenol	10.016	139	160357	78.999	ng	93
57) 2,4-Dinitrotoluene	10.080	165	136188	42.632	ng	92
58) Fluorene	10.433	166	456629	41.725	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	117785	40.683	ng	99
60) Diethylphthalate	10.304	149	473022	40.427	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	215184	40.801	ng	93
62) 4-Nitroaniline	10.463	138	113030	38.649	ng	95
63) Azobenzene	10.586	77	435348	39.334	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	75986	44.242	ng	95
66) n-Nitrosodiphenylamine	10.545	169	395674	39.311	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	133304	39.812	ng	94
68) Hexachlorobenzene	10.980	284	156928	44.141	ng	96
69) Atrazine	11.074	200	105463	37.880	ng	99
70) Pentachlorophenol	11.180	266	150722	70.905	ng	99
71) Phenanthrene	11.398	178	655503	41.333	ng	99
72) Anthracene	11.451	178	679208	41.176	ng	99
73) Carbazole	11.610	167	661575	43.818	ng	99
74) Di-n-butylphthalate	11.939	149	742616	41.361	ng	99
75) Fluoranthene	12.598	202	758915	44.265	ng	98
77) Benzidine	12.721	184	121804	21.615	ng	99
78) Pyrene	12.827	202	768596	34.873	ng	100
80) Butylbenzylphthalate	13.451	149	329108	39.814	ng	99
81) Benzo(a)anthracene	14.027	228	685170	41.716	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	177709	34.151	ng	100
83) Chrysene	14.068	228	665855	41.856	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	437814	46.094	ng	100
85) Di-n-octyl phthalate	14.633	149	730411	52.335	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	615470	41.824	ng	97
88) Benzo(b)fluoranthene	15.098	252	645297	51.748	ng	99
89) Benzo(k)fluoranthene	15.127	252	577047	45.450	ng	98
90) Benzo(a)pyrene	15.480	252	529965	43.950	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	513258	42.702	ng	96
92) Benzo(g,h,i)perylene	17.562	276	502140	40.511	ng	99

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

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