

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135250.D
 Acq On : 14 Sep 2023 13:02
 Operator : CG\JU
 Sample : PB155315BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155315BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 01:07:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	122333	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	475977	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	248089	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	479511	20.000	ng	0.00
76) Chrysene-d12	13.951	240	259131	20.000	ng	0.00
86) Perylene-d12	15.415	264	229087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	949242	126.204	ng	0.02
7) Phenol-d6	6.416	99	1192076	124.642	ng	0.01
23) Nitrobenzene-d5	7.334	82	788823	90.039	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	325729	132.120	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1367353	83.154	ng	0.00
79) Terphenyl-d14	12.898	244	1538070	92.012	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	125606	38.094	ng	100
3) Pyridine	3.340	79	328183	36.982	ng	98
4) n-Nitrosodimethylamine	3.299	42	217707	46.231	ng	97
6) Aniline	6.434	93	390264	31.118	ng	# 69
8) 2-Chlorophenol	6.551	128	378571	47.149	ng	98
9) Benzaldehyde	6.316	77	128318	23.551	ng	98
10) Phenol	6.428	94	435050	41.483	ng	85
11) bis(2-Chloroethyl)ether	6.510	93	354532	45.068	ng	97
12) 1,3-Dichlorobenzene	6.704	146	372291	45.624	ng	98
13) 1,4-Dichlorobenzene	6.781	146	378817	45.630	ng	99
14) 1,2-Dichlorobenzene	6.934	146	358036	46.439	ng	99
15) Benzyl Alcohol	6.916	79	320254	46.664	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	666331	44.938	ng	97
17) 2-Methylphenol	7.028	107	306010	43.188	ng	96
18) Hexachloroethane	7.269	117	143952	46.928	ng	89
19) n-Nitroso-di-n-propyla...	7.187	70	252450	42.615	ng	96
20) 3+4-Methylphenols	7.181	107	354091	41.560	ng	94
22) Acetophenone	7.181	105	494360	45.429	ng	96
24) Nitrobenzene	7.351	77	394599	45.569	ng	99
25) Isophorone	7.592	82	729873	45.369	ng	100
26) 2-Nitrophenol	7.663	139	200872	48.333	ng	95
27) 2,4-Dimethylphenol	7.710	122	336000	48.098	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	442658	45.972	ng	99
29) 2,4-Dichlorophenol	7.910	162	304199	46.994	ng	98
30) 1,2,4-Trichlorobenzene	7.987	180	317956	46.994	ng	98
31) Naphthalene	8.069	128	1045087	45.190	ng	100
32) Benzoic acid	7.857	122	262844	49.967	ng	93
33) 4-Chloroaniline	8.116	127	164885	16.250	ng	98
34) Hexachlorobutadiene	8.181	225	186042	45.602	ng	99
35) Caprolactam	8.504	113	110492m	50.860	ng	
36) 4-Chloro-3-methylphenol	8.610	107	345124	47.972	ng	99
37) 2-Methylnaphthalene	8.763	142	674688	43.401	ng	100
38) 1-Methylnaphthalene	8.857	142	625357	42.967	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	316844	44.084	ng	99
41) Hexachlorocyclopentadiene	8.910	237	272068	85.363	ng	99
43) 2,4,6-Trichlorophenol	9.045	196	220916	46.945	ng	98

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44) 2,4,5-Trichlorophenol	9.086	196	238951	44.092	ng	96
46) 1,1'-Biphenyl	9.228	154	848834	44.523	ng	98
47) 2-Chloronaphthalene	9.251	162	633399	45.789	ng	98
48) 2-Nitroaniline	9.351	65	247183	45.996	ng	96
49) Acenaphthylene	9.669	152	1009168	43.897	ng	100
50) Dimethylphthalate	9.539	163	773570	46.119	ng	99
51) 2,6-Dinitrotoluene	9.598	165	172022	46.815	ng	97
52) Acenaphthene	9.839	154	610830	44.977	ng	97
53) 3-Nitroaniline	9.769	138	135362	31.383	ng	95
54) 2,4-Dinitrophenol	9.886	184	192211	91.196	ng	91
55) Dibenzofuran	10.016	168	888825	42.888	ng	100
56) 4-Nitrophenol	9.945	139	258832	94.420	ng	95
57) 2,4-Dinitrotoluene	10.010	165	207712	45.154	ng	89
58) Fluorene	10.357	166	693346	43.519	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	198137	47.529	ng	98
60) Diethylphthalate	10.239	149	769373	45.705	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	335133	43.790	ng	94
62) 4-Nitroaniline	10.392	138	195062	47.047	ng	99
63) Azobenzene	10.510	77	755258	45.843	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	132053	51.850	ng	89
66) n-Nitrosodiphenylamine	10.475	169	661430	45.562	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	218709	45.860	ng	93
68) Hexachlorobenzene	10.904	284	238556	49.100	ng	92
69) Atrazine	11.010	200	219403	56.169	ng	99
70) Pentachlorophenol	11.104	266	250902	86.313	ng	98
71) Phenanthrene	11.322	178	1052159	46.394	ng	99
72) Anthracene	11.375	178	1073491	46.050	ng	99
73) Carbazole	11.533	167	1029685	48.522	ng	100
74) Di-n-butylphthalate	11.869	149	1232085	49.273	ng	100
75) Fluoranthene	12.516	202	1138956	48.197	ng	99
77) Benzidine	12.639	184	356894	67.227	ng	99
78) Pyrene	12.745	202	1154805	46.808	ng	100
80) Butylbenzylphthalate	13.374	149	485011	55.836	ng	99
81) Benzo(a)anthracene	13.945	228	773181	46.208	ng	98
82) 3,3'-Dichlorobenzidine	13.910	252	177540	33.969	ng	98
83) Chrysene	13.980	228	765801	46.032	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	562148	63.066	ng	99
85) Di-n-octyl phthalate	14.551	149	855057	60.362	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	756275	50.350	ng	99
88) Benzo(b)fluoranthene	14.992	252	625148	50.410	ng	99
89) Benzo(k)fluoranthene	15.021	252	619438	50.565	ng	99
90) Benzo(a)pyrene	15.357	252	562518	47.565	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	614039	49.963	ng	97
92) Benzo(g,h,i)perylene	17.351	276	616680	48.046	ng	98

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

