

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135249.D
 Acq On : 14 Sep 2023 12:30
 Operator : CG\JU
 Sample : PB155248BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155248BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 15 01:06:36 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	124989	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	479612	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	249386	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	481441	20.000	ng	0.00
76) Chrysene-d12	13.957	240	259409	20.000	ng	# 0.01
86) Perylene-d12	15.415	264	230741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	972933	126.605	ng	0.02
7) Phenol-d6	6.416	99	1249556	127.876	ng	0.01
23) Nitrobenzene-d5	7.334	82	794167	89.962	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	335310	135.299	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1398812	84.625	ng	0.00
79) Terphenyl-d14	12.898	244	1521628	90.930	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	124399	36.926	ng	99
3) Pyridine	3.340	79	336847	37.151	ng	96
4) n-Nitrosodimethylamine	3.304	42	219684	45.659	ng	99
6) Aniline	6.434	93	396389	30.934	ng	# 64
8) 2-Chlorophenol	6.551	128	387099	47.187	ng	99
9) Benzaldehyde	6.316	77	140784	25.290	ng	94
10) Phenol	6.428	94	448385	41.846	ng	83
11) bis(2-Chloroethyl)ether	6.510	93	358524	44.607	ng	98
12) 1,3-Dichlorobenzene	6.704	146	377776	45.312	ng	100
13) 1,4-Dichlorobenzene	6.781	146	382920	45.144	ng	98
14) 1,2-Dichlorobenzene	6.934	146	365628	46.416	ng	98
15) Benzyl Alcohol	6.916	79	328829	46.895	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	680083	44.890	ng	97
17) 2-Methylphenol	7.028	107	307359	42.457	ng	97
18) Hexachloroethane	7.269	117	143609	45.821	ng	93
19) n-Nitroso-di-n-propyla...	7.187	70	253939	41.956	ng	95
20) 3+4-Methylphenols	7.181	107	356392	40.941	ng	96
22) Acetophenone	7.181	105	503373	45.907	ng	98
24) Nitrobenzene	7.351	77	396116	45.398	ng	99
25) Isophorone	7.592	82	742052	45.777	ng	99
26) 2-Nitrophenol	7.669	139	205405	49.049	ng	95
27) 2,4-Dimethylphenol	7.710	122	338339	48.066	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	445138	45.879	ng	99
29) 2,4-Dichlorophenol	7.910	162	310732	47.640	ng	98
30) 1,2,4-Trichlorobenzene	7.986	180	323031	47.382	ng	99
31) Naphthalene	8.069	128	1058073	45.405	ng	99
32) Benzoic acid	7.857	122	263445	49.702	ng	97
33) 4-Chloroaniline	8.122	127	176666	17.280	ng	98
34) Hexachlorobutadiene	8.181	225	192189	46.752	ng	99
35) Caprolactam	8.504	113	108865m	49.731	ng	
36) 4-Chloro-3-methylphenol	8.616	107	347925	47.994	ng	97
37) 2-Methylnaphthalene	8.763	142	685800	43.782	ng	98
38) 1-Methylnaphthalene	8.857	142	635930	43.363	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	328685	45.493	ng	99
41) Hexachlorocyclopentadiene	8.910	237	275256	85.866	ng	97
43) 2,4,6-Trichlorophenol	9.045	196	221603	46.846	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	237955	43.680	ng	97
46) 1,1'-Biphenyl	9.228	154	849950	44.349	ng	99
47) 2-Chloronaphthalene	9.251	162	646517	46.494	ng	98
48) 2-Nitroaniline	9.357	65	248397	45.981	ng	96
49) Acenaphthylene	9.669	152	1009424	43.680	ng	100
50) Dimethylphthalate	9.539	163	778474	46.170	ng	99
51) 2,6-Dinitrotoluene	9.598	165	173239	46.901	ng	99
52) Acenaphthene	9.839	154	617687	45.246	ng	97
53) 3-Nitroaniline	9.769	138	137989	31.826	ng	97
54) 2,4-Dinitrophenol	9.886	184	195065	92.009	ng	95
55) Dibenzofuran	10.016	168	891187	42.779	ng	99
56) 4-Nitrophenol	9.945	139	262742	95.348	ng	97
57) 2,4-Dinitrotoluene	10.010	165	206704	44.701	ng	89
58) Fluorene	10.357	166	710488	44.363	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	205511	49.041	ng	99
60) Diethylphthalate	10.239	149	778504	46.007	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	331412	43.079	ng	97
62) 4-Nitroaniline	10.392	138	196644	47.182	ng	99
63) Azobenzene	10.510	77	753185	45.479	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	133662	52.271	ng	91
66) n-Nitrosodiphenylamine	10.475	169	670167	45.979	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	219335	45.807	ng	94
68) Hexachlorobenzene	10.904	284	241007	49.405	ng	# 91
69) Atrazine	11.010	200	222569	56.751	ng	99
70) Pentachlorophenol	11.104	266	249076	85.341	ng	99
71) Phenanthrene	11.322	178	1068660	46.933	ng	100
72) Anthracene	11.374	178	1085046	46.359	ng	99
73) Carbazole	11.533	167	1036848	48.664	ng	100
74) Di-n-butylphthalate	11.869	149	1222596	48.697	ng	100
75) Fluoranthene	12.516	202	1141608	48.116	ng	99
77) Benzidine	12.645	184	362494	68.209	ng	99
78) Pyrene	12.745	202	1160195	46.976	ng	100
80) Butylbenzylphthalate	13.374	149	487245	56.033	ng	98
81) Benzo(a)anthracene	13.945	228	777787	46.433	ng	98
82) 3,3'-Dichlorobenzidine	13.910	252	178089	34.037	ng	98
83) Chrysene	13.980	228	764570	45.909	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	559158	62.663	ng	98
85) Di-n-octyl phthalate	14.551	149	860331	60.669	ng	100
87) Indeno(1,2,3-cd)pyrene	16.909	276	757199	50.050	ng	99
88) Benzo(b)fluoranthene	14.992	252	627864	50.266	ng	99
89) Benzo(k)fluoranthene	15.021	252	625140	50.665	ng	99
90) Benzo(a)pyrene	15.357	252	557879	46.835	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	614463	49.639	ng	99
92) Benzo(g,h,i)perylene	17.356	276	630578	48.776	ng	99

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

