

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130446.D
 Acq On : 28 Sep 2022 13:49
 Operator : CG\JU
 Sample : PB147926BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147926BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

Quant Time: Sep 29 02:13:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	115460	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	444968	20.000	ng	# 0.00
39) Acenaphthene-d10	9.680	164	225816	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	376496	20.000	ng	0.00
76) Chrysene-d12	13.792	240	225092	20.000	ng	0.00
86) Perylene-d12	15.174	264	195476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	892812	134.120	ng	0.02
7) Phenol-d6	6.298	99	1092230	131.132	ng	0.00
23) Nitrobenzene-d5	7.216	82	680515	78.133	ng	0.00
42) 2,4,6-Tribromophenol	10.474	330	337634	156.041	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	1323806	85.367	ng	0.00
79) Terphenyl-d14	12.745	244	1327595	97.700	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.351	88	97883	32.017	ng	97
3) Pyridine	3.028	79	255175	31.996	ng	92
4) n-Nitrosodimethylamine	2.987	42	154657	35.656	ng	86
6) Aniline	6.310	93	394381	38.429	ng	# 45
8) 2-Chlorophenol	6.434	128	349464	46.085	ng	91
9) Benzaldehyde	6.192	77	205098	36.761	ng	92
10) Phenol	6.310	94	414750	42.490	ng	# 73
11) bis(2-Chloroethyl)ether	6.392	93	312135	44.334	ng	91
12) 1,3-Dichlorobenzene	6.586	146	375225	44.970	ng	95
13) 1,4-Dichlorobenzene	6.663	146	381394	44.824	ng	98
14) 1,2-Dichlorobenzene	6.816	146	359635	45.246	ng	96
15) Benzyl Alcohol	6.798	79	232627	35.226	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.928	45	373864	36.408	ng	85
17) 2-Methylphenol	6.916	107	289239	46.922	ng	96
18) Hexachloroethane	7.151	117	141985	42.334	ng	98
19) n-Nitroso-di-n-propyla...	7.069	70	225666	40.151	ng	94
20) 3+4-Methylphenols	7.069	107	342843	42.814	ng	# 74
22) Acetophenone	7.063	105	477330	43.877	ng	93
24) Nitrobenzene	7.233	77	346871	39.222	ng	95
25) Isophorone	7.475	82	603987	43.025	ng	97
26) 2-Nitrophenol	7.551	139	184194	50.807	ng	# 86
27) 2,4-Dimethylphenol	7.592	122	272015	48.730	ng	97
28) bis(2-Chloroethoxy)met...	7.686	93	370291	46.845	ng	99
29) 2,4-Dichlorophenol	7.798	162	283175	46.292	ng	94
30) 1,2,4-Trichlorobenzene	7.869	180	298351	45.112	ng	98
31) Naphthalene	7.951	128	985505	42.990	ng	100
32) Benzoic acid	7.745	122	181190	41.973	ng	94
33) 4-Chloroaniline	8.004	127	277708	31.852	ng	97
34) Hexachlorobutadiene	8.069	225	191030	45.196	ng	99
35) Caprolactam	8.386	113	87325m	49.796	ng	
36) 4-Chloro-3-methylphenol	8.498	107	303304	44.733	ng	97
37) 2-Methylnaphthalene	8.639	142	640479	43.820	ng	99
38) 1-Methylnaphthalene	8.739	142	601166	42.815	ng	100
40) 1,2,4,5-Tetrachloroben...	8.810	216	302555	49.095	ng	98
41) Hexachlorocyclopentadiene	8.792	237	345964	104.856	ng	99
43) 2,4,6-Trichlorophenol	8.927	196	196125	45.600	ng	95

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44) 2,4,5-Trichlorophenol	8.969	196	212886	45.869	ng	95
46) 1,1'-Biphenyl	9.110	154	772149	45.784	ng	98
47) 2-Chloronaphthalene	9.127	162	607596	44.536	ng	98
48) 2-Nitroaniline	9.233	65	182814	40.177	ng	90
49) Acenaphthylene	9.545	152	913677	44.667	ng	100
50) Dimethylphthalate	9.416	163	696156	44.630	ng	99
51) 2,6-Dinitrotoluene	9.480	165	157129	48.166	ng	# 72
52) Acenaphthene	9.716	154	657595m	48.929	ng	
53) 3-Nitroaniline	9.645	138	118985	32.733	ng	89
54) 2,4-Dinitrophenol	9.757	184	157233	88.159	ng	# 83
55) Dibenzofuran	9.886	168	829919	44.396	ng	98
56) 4-Nitrophenol	9.822	139	220514	83.289	ng	# 84
57) 2,4-Dinitrotoluene	9.880	165	204272	48.996	ng	93
58) Fluorene	10.227	166	673436	44.050	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.010	232	167255	46.041	ng	92
60) Diethylphthalate	10.116	149	665248	42.529	ng	98
61) 4-Chlorophenyl-phenyle...	10.222	204	307507	45.852	ng	100
62) 4-Nitroaniline	10.263	138	160017	43.820	ng	85
63) Azobenzene	10.380	77	612580	38.032	ng	97
65) 4,6-Dinitro-2-methylph...	10.286	198	104881	50.043	ng	88
66) n-Nitrosodiphenylamine	10.345	169	562473	44.707	ng	100
67) 4-Bromophenyl-phenylether	10.710	248	199353	47.998	ng	96
68) Hexachlorobenzene	10.769	284	231377	49.144	ng	95
69) Atrazine	10.880	200	185254	50.385	ng	94
70) Pentachlorophenol	10.974	266	217644	86.135	ng	99
71) Phenanthrene	11.186	178	931428	44.064	ng	100
72) Anthracene	11.239	178	939188	46.042	ng	98
73) Carbazole	11.398	167	858463	46.631	ng	99
74) Di-n-butylphthalate	11.733	149	965329	43.484	ng	# 98
75) Fluoranthene	12.368	202	942000	46.119	ng	99
77) Benzidine	12.498	184	364393	55.767	ng	99
78) Pyrene	12.598	202	935182	47.492	ng	99
80) Butylbenzylphthalate	13.221	149	346349	47.479	ng	97
81) Benzo(a)anthracene	13.780	228	679441	45.374	ng	99
82) 3,3'-Dichlorobenzidine	13.751	252	190879	46.828	ng	# 99
83) Chrysene	13.815	228	633632	44.565	ng	100
84) Bis(2-ethylhexyl)phtha...	13.780	149	390627	46.750	ng	100
85) Di-n-octyl phthalate	14.392	149	527175	41.250	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.503	276	644623	46.503	ng	98
88) Benzo(b)fluoranthene	14.792	252	600811	47.091	ng	98
89) Benzo(k)fluoranthene	14.821	252	555853m	44.289	ng	
90) Benzo(a)pyrene	15.121	252	506566	50.116	ng	98
91) Dibenzo(a,h)anthracene	16.521	278	550755	48.432	ng	97
92) Benzo(g,h,i)perylene	16.903	276	564092	49.243	ng	97

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

