

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135335.D
 Acq On : 19 Sep 2023 15:14
 Operator : CG\JU
 Sample : PB155570BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155570BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

Quant Time: Sep 20 01:34:45 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	6.757	152	127806	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	499651	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	253110	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	469335	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	209444	20.000	ng	0.00
86) Perylene-d12	15.410	264	250854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1025093	130.452	ng	0.02
7) Phenol-d6	6.410	99	1298027	129.908	ng	0.00
23) Nitrobenzene-d5	7.328	82	841649	91.516	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	306978	122.044	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1434062	85.481	ng	0.00
79) Terphenyl-d14	12.886	244	1325863	98.133	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	145930	42.363	ng	98
3) Pyridine	3.328	79	381699	41.170	ng	98
4) n-Nitrosodimethylamine	3.287	42	259457	52.737	ng	93
6) Aniline	6.428	93	414317	31.621	ng	# 67
8) 2-Chlorophenol	6.545	128	427715	50.989	ng	99
9) Benzaldehyde	6.310	77	89849	15.785	ng	98
10) Phenol	6.422	94	477775	43.606	ng	81
11) bis(2-Chloroethyl)ether	6.504	93	402769	49.007	ng	99
12) 1,3-Dichlorobenzene	6.698	146	413998	48.562	ng	99
13) 1,4-Dichlorobenzene	6.775	146	424570	48.951	ng	98
14) 1,2-Dichlorobenzene	6.928	146	398272	49.446	ng	98
15) Benzyl Alcohol	6.910	79	345418	48.175	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.034	45	776651	50.135	ng	90
17) 2-Methylphenol	7.022	107	335619	45.339	ng	96
18) Hexachloroethane	7.263	117	160822	50.182	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	277679	44.867	ng	94
20) 3+4-Methylphenols	7.175	107	381827	42.896	ng	95
22) Acetophenone	7.169	105	542229	47.467	ng	# 98
24) Nitrobenzene	7.345	77	436860	48.060	ng	99
25) Isophorone	7.587	82	824226	48.807	ng	100
26) 2-Nitrophenol	7.657	139	229529	52.612	ng	99
27) 2,4-Dimethylphenol	7.704	122	333701	45.506	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	504501	49.912	ng	99
29) 2,4-Dichlorophenol	7.904	162	341942	50.322	ng	96
30) 1,2,4-Trichlorobenzene	7.981	180	351201	49.448	ng	99
31) Naphthalene	8.063	128	1173901	48.355	ng	99
32) Benzoic acid	7.851	122	282000	51.069	ng	99
33) 4-Chloroaniline	8.116	127	265244	24.903	ng	99
34) Hexachlorobutadiene	8.175	225	203556	47.531	ng	99
35) Caprolactam	8.492	113	122884m	53.884	ng	
36) 4-Chloro-3-methylphenol	8.610	107	376637	49.871	ng	97
37) 2-Methylnaphthalene	8.751	142	737968	45.222	ng	100
38) 1-Methylnaphthalene	8.851	142	709048	46.409	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	346066	47.194	ng	99
41) Hexachlorocyclopentadiene	8.904	237	262912	81.244	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	232169	48.357	ng	99

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44) 2,4,5-Trichlorophenol	9.086	196	255150	46.148	ng	98
46) 1,1'-Biphenyl	9.222	154	917893	47.190	ng	98
47) 2-Chloronaphthalene	9.245	162	693402	49.132	ng	98
48) 2-Nitroaniline	9.351	65	273547	49.892	ng	99
49) Acenaphthylene	9.663	152	1135762	48.424	ng	100
50) Dimethylphthalate	9.528	163	823619	48.129	ng	100
51) 2,6-Dinitrotoluene	9.592	165	185902	49.589	ng	98
52) Acenaphthene	9.833	154	658833	47.550	ng	97
53) 3-Nitroaniline	9.763	138	143870	32.694	ng	95
54) 2,4-Dinitrophenol	9.881	184	201983	93.744	ng	98
55) Dibenzofuran	10.004	168	956886	45.257	ng	97
56) 4-Nitrophenol	9.945	139	249146	89.084	ng	98
57) 2,4-Dinitrotoluene	10.004	165	214471	45.698	ng	# 84
58) Fluorene	10.351	166	746960	45.954	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	211705	49.776	ng	100
60) Diethylphthalate	10.228	149	826409	48.119	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	351883	45.067	ng	99
62) 4-Nitroaniline	10.386	138	203063	48.006	ng	97
63) Azobenzene	10.504	77	808405	48.095	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	128957	51.732	ng	96
66) n-Nitrosodiphenylamine	10.469	169	699742	49.247	ng	98
67) 4-Bromophenyl-phenylether	10.833	248	225436	48.295	ng	94
68) Hexachlorobenzene	10.898	284	242045	50.898	ng	# 87
69) Atrazine	10.998	200	217492	56.887	ng	100
70) Pentachlorophenol	11.098	266	240365	84.481	ng	98
71) Phenanthrene	11.316	178	1104596	49.762	ng	100
72) Anthracene	11.369	178	1119040	49.045	ng	99
73) Carbazole	11.527	167	1035411	49.850	ng	100
74) Di-n-butylphthalate	11.857	149	1238125	50.588	ng	99
75) Fluoranthene	12.510	202	1101744	47.633	ng	99
77) Benzidine	12.633	184	378075	88.112	ng	99
78) Pyrene	12.739	202	1084395	54.381	ng	99
80) Butylbenzylphthalate	13.363	149	409416	58.315	ng	95
81) Benzo(a)anthracene	13.939	228	679446	50.239	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	203921	48.272	ng	# 99
83) Chrysene	13.974	228	679304	50.520	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	452136	62.757	ng	99
85) Di-n-octyl phthalate	14.545	149	721812	63.044	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	811693	49.350	ng	98
88) Benzo(b)fluoranthene	14.986	252	643575	47.393	ng	98
89) Benzo(k)fluoranthene	15.015	252	614007	45.773	ng	99
90) Benzo(a)pyrene	15.351	252	601411	46.441	ng	100
91) Dibenzo(a,h)anthracene	16.909	278	648391	48.180	ng	99
92) Benzo(g,h,i)perylene	17.345	276	672239	47.830	ng	98

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

