

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135334.D
 Acq On : 19 Sep 2023 14:43
 Operator : CG\JU
 Sample : PB155524BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155524BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 01:34:05 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	134775	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	525059	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	271763	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	524996	20.000	ng	0.00
76) Chrysene-d12	13.945	240	257250	20.000	ng	0.00
86) Perylene-d12	15.409	264	238339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1035377	124.948	ng	0.02
7) Phenol-d6	6.410	99	1304226	123.779	ng	0.00
23) Nitrobenzene-d5	7.328	82	862738	89.270	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	324093	120.005	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1467762	81.484	ng	0.00
79) Terphenyl-d14	12.886	244	1525599	91.933	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	141255	38.885	ng	99
3) Pyridine	3.316	79	369603	37.804	ng	96
4) n-Nitrosodimethylamine	3.281	42	251864	48.546	ng	96
6) Aniline	6.428	93	392472	28.405	ng	# 61
8) 2-Chlorophenol	6.545	128	417293	47.174	ng	99
9) Benzaldehyde	6.316	77	151118	25.176	ng	97
10) Phenol	6.422	94	465908	40.325	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	394742	45.547	ng	99
12) 1,3-Dichlorobenzene	6.698	146	405426	45.098	ng	99
13) 1,4-Dichlorobenzene	6.775	146	409714	44.795	ng	98
14) 1,2-Dichlorobenzene	6.928	146	392976	46.266	ng	98
15) Benzyl Alcohol	6.910	79	348993	46.157	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.039	45	762708	46.689	ng	97
17) 2-Methylphenol	7.022	107	339069	43.436	ng	97
18) Hexachloroethane	7.263	117	159491	47.194	ng	94
19) n-Nitroso-di-n-propyla...	7.181	70	266827	40.884	ng	94
20) 3+4-Methylphenols	7.175	107	382678	40.769	ng	94
22) Acetophenone	7.169	105	537236	44.754	ng	# 97
24) Nitrobenzene	7.345	77	429510	44.964	ng	99
25) Isophorone	7.586	82	809929	45.639	ng	99
26) 2-Nitrophenol	7.657	139	224110	48.884	ng	98
27) 2,4-Dimethylphenol	7.704	122	371167	48.165	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	496383	46.733	ng	99
29) 2,4-Dichlorophenol	7.904	162	334812	46.889	ng	98
30) 1,2,4-Trichlorobenzene	7.980	180	344655	46.179	ng	98
31) Naphthalene	8.063	128	1147165	44.967	ng	100
32) Benzoic acid	7.851	122	278781	48.043	ng	97
33) 4-Chloroaniline	8.116	127	237652	21.233	ng	98
34) Hexachlorobutadiene	8.175	225	201821	44.845	ng	99
35) Caprolactam	8.492	113	123528m	51.545	ng	
36) 4-Chloro-3-methylphenol	8.610	107	374149	47.145	ng	98
37) 2-Methylnaphthalene	8.751	142	746258	43.518	ng	98
38) 1-Methylnaphthalene	8.851	142	688973	42.913	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	347512	44.139	ng	99
41) Hexachlorocyclopentadiene	8.904	237	259566	75.299	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	234936	45.575	ng	99

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44) 2,4,5-Trichlorophenol	9.086	196	254813	42.923	ng	97
46) 1,1'-Biphenyl	9.222	154	919785	44.041	ng	99
47) 2-Chloronaphthalene	9.245	162	696942	45.994	ng	97
48) 2-Nitroaniline	9.351	65	275735	46.839	ng	98
49) Acenaphthylene	9.663	152	1086223	43.133	ng	99
50) Dimethylphthalate	9.527	163	844261	45.949	ng	100
51) 2,6-Dinitrotoluene	9.592	165	187800	46.657	ng	99
52) Acenaphthene	9.833	154	658102	44.237	ng	98
53) 3-Nitroaniline	9.763	138	148657	31.463	ng	96
54) 2,4-Dinitrophenol	9.880	184	202331	87.879	ng	98
55) Dibenzofuran	10.010	168	952623	41.962	ng	99
56) 4-Nitrophenol	9.945	139	260891	86.881	ng	98
57) 2,4-Dinitrotoluene	10.004	165	217548	43.172	ng	# 85
58) Fluorene	10.351	166	749315	42.935	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	216013	47.303	ng	98
60) Diethylphthalate	10.233	149	845189	45.835	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	352185	42.009	ng	98
62) 4-Nitroaniline	10.386	138	212961	46.890	ng	98
63) Azobenzene	10.504	77	825911	45.764	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	142571	51.130	ng	99
66) n-Nitrosodiphenylamine	10.469	169	713268	44.876	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	232746	44.575	ng	94
68) Hexachlorobenzene	10.898	284	248246	46.667	ng	# 88
69) Atrazine	11.004	200	241332	56.430	ng	99
70) Pentachlorophenol	11.098	266	243647	76.555	ng	99
71) Phenanthrene	11.316	178	1144975	46.112	ng	99
72) Anthracene	11.368	178	1143994	44.823	ng	99
73) Carbazole	11.527	167	1099113	47.307	ng	100
74) Di-n-butylphthalate	11.857	149	1324015	48.361	ng	99
75) Fluoranthene	12.510	202	1190384	46.009	ng	99
77) Benzidine	12.633	184	315465	59.858	ng	99
78) Pyrene	12.739	202	1211693	49.473	ng	100
80) Butylbenzylphthalate	13.362	149	486026	56.362	ng	92
81) Benzo(a)anthracene	13.939	228	760094	45.758	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	179241	34.545	ng	# 97
83) Chrysene	13.974	228	753488	45.623	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	545414	61.636	ng	98
85) Di-n-octyl phthalate	14.545	149	836055	59.452	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	776483	49.688	ng	98
88) Benzo(b)fluoranthene	14.986	252	640573	49.649	ng	98
89) Benzo(k)fluoranthene	15.015	252	620687	48.700	ng	98
90) Benzo(a)pyrene	15.351	252	573124	46.581	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	633241	49.525	ng	99
92) Benzo(g,h,i)perylene	17.345	276	661101	49.507	ng	98

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

