

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135337.D
 Acq On : 19 Sep 2023 16:17
 Operator : CG\JU
 Sample : PB155558BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155558BS

Quant Time: Sep 20 01:35:39 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	125514	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	492351	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	247714	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	480322	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	236013	20.000	ng	0.00
86) Perylene-d12	15.404	264	231638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	999537	129.523	ng	0.02
7) Phenol-d6	6.410	99	1256160	128.014	ng	0.00
23) Nitrobenzene-d5	7.328	82	819382	90.416	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	312134	126.797	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1400328	85.288	ng	0.00
79) Terphenyl-d14	12.886	244	1446171	94.988	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	143846	42.520	ng	99
3) Pyridine	3.316	79	361566	39.711	ng	99
4) n-Nitrosodimethylamine	3.281	42	249484	51.636	ng	96
6) Aniline	6.428	93	400378	31.115	ng	# 76
8) 2-Chlorophenol	6.545	128	414916	50.366	ng	99
9) Benzaldehyde	6.310	77	104153	18.632	ng	94
10) Phenol	6.422	94	462302	42.965	ng	84
11) bis(2-Chloroethyl)ether	6.504	93	394915	48.929	ng	99
12) 1,3-Dichlorobenzene	6.698	146	402978	48.133	ng	99
13) 1,4-Dichlorobenzene	6.775	146	409399	48.063	ng	99
14) 1,2-Dichlorobenzene	6.928	146	385380	48.719	ng	97
15) Benzyl Alcohol	6.910	79	242587	34.451	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.034	45	761021	50.023	ng	90
17) 2-Methylphenol	7.022	107	309477	42.571	ng	96
18) Hexachloroethane	7.263	117	157641	50.088	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	268179	44.123	ng	96
20) 3+4-Methylphenols	7.175	107	373605	42.739	ng	96
22) Acetophenone	7.169	105	521364	46.317	ng	# 99
24) Nitrobenzene	7.345	77	426762	47.645	ng	99
25) Isophorone	7.581	82	792076	47.598	ng	99
26) 2-Nitrophenol	7.657	139	222012	51.643	ng	98
27) 2,4-Dimethylphenol	7.698	122	329093	45.543	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	491172	49.314	ng	99
29) 2,4-Dichlorophenol	7.904	162	329551	49.218	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	341525	48.799	ng	100
31) Naphthalene	8.063	128	1133421	47.380	ng	100
32) Benzoic acid	7.845	122	273109	50.192	ng	99
33) 4-Chloroaniline	8.116	127	267939	25.529	ng	97
34) Hexachlorobutadiene	8.175	225	199191	47.201	ng	99
35) Caprolactam	8.492	113	124533m	55.417	ng	
36) 4-Chloro-3-methylphenol	8.610	107	376413	50.581	ng	99
37) 2-Methylnaphthalene	8.751	142	720029	44.777	ng	98
38) 1-Methylnaphthalene	8.851	142	679517	45.136	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	332641	46.351	ng	98
41) Hexachlorocyclopentadiene	8.904	237	257988	81.439	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	225154	47.918	ng	97

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44) 2,4,5-Trichlorophenol	9.086	196	254586	47.049	ng	98
46) 1,1'-Biphenyl	9.222	154	901190	47.340	ng	100
47) 2-Chloronaphthalene	9.245	162	673518	48.763	ng	98
48) 2-Nitroaniline	9.345	65	278457	51.894	ng	93
49) Acenaphthylene	9.663	152	1111666	48.429	ng	100
50) Dimethylphthalate	9.528	163	841484	50.244	ng	99
51) 2,6-Dinitrotoluene	9.592	165	186504	50.833	ng	96
52) Acenaphthene	9.833	154	645827	47.626	ng	98
53) 3-Nitroaniline	9.763	138	153417	35.623	ng	96
54) 2,4-Dinitrophenol	9.880	184	205147	97.050	ng	98
55) Dibenzofuran	10.004	168	933260	45.101	ng	96
56) 4-Nitrophenol	9.939	139	253813	92.729	ng	97
57) 2,4-Dinitrotoluene	10.004	165	215749	46.972	ng	86
58) Fluorene	10.351	166	739066	46.459	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	212422	51.033	ng	97
60) Diethylphthalate	10.227	149	833967	49.617	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	352320	46.105	ng	98
62) 4-Nitroaniline	10.386	138	200875	48.523	ng	99
63) Azobenzene	10.504	77	822788	50.018	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	133434	52.304	ng	92
66) n-Nitrosodiphenylamine	10.463	169	697449	47.962	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	228593	47.851	ng	95
68) Hexachlorobenzene	10.898	284	246500	50.649	ng	# 92
69) Atrazine	10.998	200	222350	56.827	ng	98
70) Pentachlorophenol	11.098	266	252420	86.688	ng	98
71) Phenanthrene	11.316	178	1115513	49.104	ng	99
72) Anthracene	11.369	178	1133423	48.539	ng	100
73) Carbazole	11.527	167	1073567	50.505	ng	99
74) Di-n-butylphthalate	11.857	149	1300161	51.907	ng	99
75) Fluoranthene	12.510	202	1169760	49.417	ng	99
77) Benzidine	12.633	184	423593	87.607	ng	99
78) Pyrene	12.739	202	1176802	52.372	ng	100
80) Butylbenzylphthalate	13.363	149	485014	61.306	ng	93
81) Benzo(a)anthracene	13.939	228	754643	49.517	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	197387	41.466	ng	# 98
83) Chrysene	13.974	228	751492	49.597	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	532943	65.646	ng	99
85) Di-n-octyl phthalate	14.545	149	830333	64.358	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	770934	50.760	ng	97
88) Benzo(b)fluoranthene	14.986	252	655342	52.263	ng	99
89) Benzo(k)fluoranthene	15.015	252	591839	47.780	ng	100
90) Benzo(a)pyrene	15.351	252	578095	48.344	ng	98
91) Dibenzo(a,h)anthracene	16.909	278	615865	49.559	ng	99
92) Benzo(g,h,i)perylene	17.345	276	646268	49.796	ng	99

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

