

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136142.D
 Acq On : 04 Nov 2023 12:04
 Operator : CG\JU
 Sample : PB156895BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156895BSD

Quant Time: Nov 06 00:59:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	105934	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	434384	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	230446	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	432341	20.000	ng	0.00
76) Chrysene-d12	14.010	240	227074	20.000	ng	0.00
86) Perylene-d12	15.492	264	213487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	799643	118.618	ng	0.01
7) Phenol-d6	6.457	99	991434	118.037	ng	0.00
23) Nitrobenzene-d5	7.387	82	597416	82.908	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	311976	126.834	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1145554	79.243	ng	0.00
79) Terphenyl-d14	12.951	244	1332052	91.162	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	93004	31.682	ng	99
3) Pyridine	3.410	79	232736	29.047	ng	99
4) n-Nitrosodimethylamine	3.375	42	135362	40.406	ng	90
6) Aniline	6.481	93	306861	28.218	ng	98
8) 2-Chlorophenol	6.604	128	318635	44.210	ng	99
9) Benzaldehyde	6.369	77	36724	7.841	ng	98
10) Phenol	6.475	94	375907	43.270	ng	83
11) bis(2-Chloroethyl)ether	6.563	93	287115	42.216	ng	99
12) 1,3-Dichlorobenzene	6.763	146	323843	43.172	ng	99
13) 1,4-Dichlorobenzene	6.840	146	330934	44.022	ng	99
14) 1,2-Dichlorobenzene	6.987	146	313314	44.573	ng	97
15) Benzyl Alcohol	6.963	79	255877	42.964	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	385093	41.137	ng	99
17) 2-Methylphenol	7.075	107	244612	40.007	ng	97
18) Hexachloroethane	7.328	117	118623	44.895	ng	98
19) n-Nitroso-di-n-propyla...	7.240	70	200234	41.723	ng	98
20) 3+4-Methylphenols	7.228	107	299526	40.175	ng	97
22) Acetophenone	7.234	105	412867	42.863	ng	96
24) Nitrobenzene	7.404	77	311218	42.698	ng	96
25) Isophorone	7.640	82	568575	41.795	ng	99
26) 2-Nitrophenol	7.716	139	161646	48.608	ng	91
27) 2,4-Dimethylphenol	7.757	122	254515	40.501	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	340868	40.895	ng	98
29) 2,4-Dichlorophenol	7.957	162	258576	43.647	ng	97
30) 1,2,4-Trichlorobenzene	8.039	180	282124	43.654	ng	100
31) Naphthalene	8.122	128	879518	41.988	ng	99
32) Benzoic acid	7.881	122	201309	40.842	ng	96
33) 4-Chloroaniline	8.169	127	192243	20.957	ng	99
34) Hexachlorobutadiene	8.239	225	164120	44.282	ng	100
35) Caprolactam	8.545	113	84806m	44.025	ng	
36) 4-Chloro-3-methylphenol	8.657	107	280825	45.152	ng	99
37) 2-Methylnaphthalene	8.816	142	569911	40.577	ng	100
38) 1-Methylnaphthalene	8.916	142	544814	41.682	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	266915	40.613	ng	99
41) Hexachlorocyclopentadiene	8.969	237	297222	84.651	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	182910	42.685	ng	99

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44) 2,4,5-Trichlorophenol	9.139	196	201236	40.541	ng	99
46) 1,1'-Biphenyl	9.281	154	723030	41.158	ng	99
47) 2-Chloronaphthalene	9.304	162	552896	42.693	ng	97
48) 2-Nitroaniline	9.404	65	174297	45.477	ng	96
49) Acenaphthylene	9.722	152	868127	42.970	ng	99
50) Dimethylphthalate	9.586	163	649626	42.737	ng	99
51) 2,6-Dinitrotoluene	9.645	165	148296	45.614	ng	89
52) Acenaphthene	9.898	154	536173	41.747	ng	99
53) 3-Nitroaniline	9.816	138	127230	33.540	ng	97
54) 2,4-Dinitrophenol	9.922	184	155691	87.527	ng	# 88
55) Dibenzofuran	10.069	168	782802	41.799	ng	97
56) 4-Nitrophenol	9.981	139	246332	86.812	ng	83
57) 2,4-Dinitrotoluene	10.051	165	197565	48.030	ng	98
58) Fluorene	10.410	166	600917	42.856	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	175015	44.348	ng	97
60) Diethylphthalate	10.292	149	677329	46.636	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	292230	41.751	ng	95
62) 4-Nitroaniline	10.433	138	150911	41.314	ng	95
63) Azobenzene	10.569	77	584609	41.796	ng	97
65) 4,6-Dinitro-2-methylph...	10.457	198	104162	44.348	ng	75
66) n-Nitrosodiphenylamine	10.528	169	544722	41.766	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	191750	42.303	ng	93
68) Hexachlorobenzene	10.957	284	219074	45.253	ng	# 91
69) Atrazine	11.057	200	181663	51.194	ng	97
70) Pentachlorophenol	11.157	266	225675	72.586	ng	98
71) Phenanthrene	11.380	178	942414	43.293	ng	99
72) Anthracene	11.427	178	955826	42.850	ng	100
73) Carbazole	11.586	167	831112	42.877	ng	99
74) Di-n-butylphthalate	11.922	149	974229	43.985	ng	98
75) Fluoranthene	12.574	202	964763	43.141	ng	95
77) Benzidine	12.698	184	154823	34.981	ng	98
78) Pyrene	12.804	202	962157	48.060	ng	99
80) Butylbenzylphthalate	13.433	149	324920	45.340	ng	99
81) Benzo(a)anthracene	13.998	228	647732	43.087	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	176148	36.712	ng	98
83) Chrysene	14.033	228	629621	42.528	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	362118	43.373	ng	# 97
85) Di-n-octyl phthalate	14.621	149	522234	41.754	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	738780	52.949	ng	98
88) Benzo(b)fluoranthene	15.057	252	591452	46.820	ng	99
89) Benzo(k)fluoranthene	15.092	252	525755	42.064	ng	98
90) Benzo(a)pyrene	15.433	252	514355	43.822	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	619537	54.207	ng	# 96
92) Benzo(g,h,i)perylene	17.474	276	617078	47.458	ng	98

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

