

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136119.D
 Acq On : 03 Nov 2023 12:27
 Operator : CG\JU
 Sample : PB156798BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156798BSD

Quant Time: Nov 04 00:06:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	120194	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	507536	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	282593	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	477539	20.000	ng	0.00
76) Chrysene-d12	14.010	240	300670	20.000	ng	0.00
86) Perylene-d12	15.492	264	241959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	897247	117.306	ng	0.01
7) Phenol-d6	6.463	99	1124151	117.960	ng	0.00
23) Nitrobenzene-d5	7.386	82	683433	81.175	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	345703	114.610	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1343697	75.798	ng	0.00
79) Terphenyl-d14	12.951	244	1513572	78.230	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	103148	30.969	ng	96
3) Pyridine	3.422	79	269050	29.595	ng	99
4) n-Nitrosodimethylamine	3.387	42	155774	40.982	ng	# 92
6) Aniline	6.481	93	357376	28.965	ng	# 86
8) 2-Chlorophenol	6.604	128	358877	43.886	ng	99
9) Benzaldehyde	6.369	77	43660	8.216	ng	96
10) Phenol	6.475	94	417342m	42.340	ng	
11) bis(2-Chloroethyl)ether	6.563	93	326381	42.296	ng	99
12) 1,3-Dichlorobenzene	6.763	146	371231	43.617	ng	97
13) 1,4-Dichlorobenzene	6.839	146	374883	43.951	ng	98
14) 1,2-Dichlorobenzene	6.986	146	358931	45.004	ng	97
15) Benzyl Alcohol	6.963	79	294915	43.644	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	443173	41.724	ng	99
17) 2-Methylphenol	7.075	107	277656	40.024	ng	96
18) Hexachloroethane	7.328	117	135706	45.267	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	230599	42.349	ng	97
20) 3+4-Methylphenols	7.228	107	340033	40.197	ng	93
22) Acetophenone	7.233	105	466432	41.445	ng	# 90
24) Nitrobenzene	7.404	77	355278	41.717	ng	94
25) Isophorone	7.645	82	660082	41.528	ng	99
26) 2-Nitrophenol	7.716	139	185709	47.795	ng	90
27) 2,4-Dimethylphenol	7.757	122	290532	39.569	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	395409	40.601	ng	99
29) 2,4-Dichlorophenol	7.957	162	300193	43.369	ng	94
30) 1,2,4-Trichlorobenzene	8.045	180	325066	43.049	ng	99
31) Naphthalene	8.122	128	1023950	41.838	ng	99
32) Benzoic acid	7.886	122	229505	39.976	ng	97
33) 4-Chloroaniline	8.169	127	229059	21.371	ng	100
34) Hexachlorobutadiene	8.239	225	191108	44.132	ng	100
35) Caprolactam	8.551	113	107074m	47.573	ng	
36) 4-Chloro-3-methylphenol	8.657	107	331638	45.637	ng	98
37) 2-Methylnaphthalene	8.816	142	704272	42.916	ng	99
38) 1-Methylnaphthalene	8.916	142	660900	43.276	ng	99
40) 1,2,4,5-Tetrachloroben...	8.980	216	324292	40.238	ng	99
41) Hexachlorocyclopentadiene	8.969	237	351252	81.579	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	224424	42.708	ng	98

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44) 2,4,5-Trichlorophenol	9.139	196	240110	39.446	ng	97
46) 1,1'-Biphenyl	9.286	154	827920	38.432	ng	99
47) 2-Chloronaphthalene	9.310	162	637338	40.132	ng	99
48) 2-Nitroaniline	9.404	65	201181	42.805	ng	99
49) Acenaphthylene	9.722	152	1011160	40.814	ng	100
50) Dimethylphthalate	9.592	163	756350	40.576	ng	99
51) 2,6-Dinitrotoluene	9.651	165	180926	45.382	ng	96
52) Acenaphthene	9.898	154	635773	40.367	ng	99
53) 3-Nitroaniline	9.816	138	153351	32.966	ng	95
54) 2,4-Dinitrophenol	9.922	184	175422	81.068	ng	# 86
55) Dibenzofuran	10.069	168	862250	37.546	ng	96
56) 4-Nitrophenol	9.980	139	279038	80.192	ng	# 79
57) 2,4-Dinitrotoluene	10.057	165	222436	44.097	ng	92
58) Fluorene	10.416	166	660369	38.405	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.186	232	193126	39.907	ng	96
60) Diethylphthalate	10.292	149	696798	39.123	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	319679	37.245	ng	92
62) 4-Nitroaniline	10.439	138	167512	37.396	ng	95
63) Azobenzene	10.569	77	650873	37.947	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	114224	44.071	ng	89
66) n-Nitrosodiphenylamine	10.527	169	606825	42.124	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	211953	42.334	ng	# 93
68) Hexachlorobenzene	10.957	284	240930	45.057	ng	# 90
69) Atrazine	11.063	200	200275	51.097	ng	97
70) Pentachlorophenol	11.157	266	248414	72.338	ng	98
71) Phenanthrene	11.380	178	1024564	42.612	ng	99
72) Anthracene	11.433	178	1041543	42.274	ng	99
73) Carbazole	11.586	167	915178	42.745	ng	99
74) Di-n-butylphthalate	11.927	149	1061372	43.384	ng	99
75) Fluoranthene	12.574	202	1060271	42.925	ng	97
77) Benzidine	12.698	184	170441	29.084	ng	98
78) Pyrene	12.804	202	1073331	40.490	ng	99
80) Butylbenzylphthalate	13.433	149	406559	42.846	ng	99
81) Benzo(a)anthracene	13.998	228	834283	41.913	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	221603	34.881	ng	95
83) Chrysene	14.039	228	803110	40.969	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	490319	44.353	ng	100
85) Di-n-octyl phthalate	14.621	149	684796	41.350	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	798624	50.503	ng	98
88) Benzo(b)fluoranthene	15.057	252	681554	47.604	ng	99
89) Benzo(k)fluoranthene	15.092	252	635344	44.850	ng	99
90) Benzo(a)pyrene	15.433	252	544226	40.911	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	660600	50.998	ng	97
92) Benzo(g,h,i)perylene	17.474	276	657029	44.760	ng	99

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

