

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139091.D
 Acq On : 21 Aug 2024 09:49
 Operator : RC/JU
 Sample : PB162850BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162850BS

Quant Time: Aug 21 11:00:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	108933	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	403276	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	234232	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	419101	20.000	ng	0.00
76) Chrysene-d12	14.063	240	276239	20.000	ng	0.00
86) Perylene-d12	15.539	264	219301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	844010	119.204	ng	0.02
7) Phenol-d6	6.528	99	1091281	119.282	ng	0.00
23) Nitrobenzene-d5	7.463	82	690482	99.769	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	300902	141.903	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1236239	83.739	ng	0.00
79) Terphenyl-d14	13.010	244	1542179	92.635	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	109060	35.912	ng	100
3) Pyridine	3.534	79	303571	39.337	ng	100
4) n-Nitrosodimethylamine	3.493	42	194971	41.823	ng	100
6) Aniline	6.563	93	400030	48.435	ng	98
8) 2-Chlorophenol	6.681	128	309770	45.486	ng	98
9) Benzaldehyde	6.445	77	192190	35.819	ng	98
10) Phenol	6.540	94	424022	44.544	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	311708	40.718	ng	99
12) 1,3-Dichlorobenzene	6.839	146	338054	41.287	ng	99
13) 1,4-Dichlorobenzene	6.916	146	345806	42.240	ng	99
14) 1,2-Dichlorobenzene	7.069	146	328056	43.845	ng	99
15) Benzyl Alcohol	7.039	79	331677	45.870	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	482399	44.734	ng	99
17) 2-Methylphenol	7.145	107	259354	44.516	ng	98
18) Hexachloroethane	7.410	117	120910	42.118	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	258224	42.980	ng	99
20) 3+4-Methylphenols	7.298	107	330709	43.811	ng	96
22) Acetophenone	7.310	105	452772	43.972	ng	97
24) Nitrobenzene	7.481	77	369752	48.065	ng	100
25) Isophorone	7.722	82	678235	46.107	ng	99
26) 2-Nitrophenol	7.798	139	131600	48.935	ng	97
27) 2,4-Dimethylphenol	7.828	122	248167	53.202	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	377910	43.968	ng	99
29) 2,4-Dichlorophenol	8.034	162	261221	44.951	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	282377	41.498	ng	100
31) Naphthalene	8.204	128	902082	44.142	ng	100
32) Benzoic acid	7.951	122	167526	43.974	ng	98
33) 4-Chloroaniline	8.245	127	199743	28.539	ng	99
34) Hexachlorobutadiene	8.322	225	191531	43.088	ng	99
35) Caprolactam	8.616	113	84805m	46.029	ng	
36) 4-Chloro-3-methylphenol	8.728	107	292367	45.438	ng	99
37) 2-Methylnaphthalene	8.892	142	581517	44.363	ng	99
38) 1-Methylnaphthalene	8.992	142	538908	42.598	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	287580	44.938	ng	98
41) Hexachlorocyclopentadiene	9.045	237	395659	160.535	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	198643	45.902	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139091.D
 Acq On : 21 Aug 2024 09:49
 Operator : RC/JU
 Sample : PB162850BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162850BS

Quant Time: Aug 21 11:00:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	199021	44.804	ng	97
46) 1,1'-Biphenyl	9.357	154	714199	44.511	ng	99
47) 2-Chloronaphthalene	9.380	162	556041	42.650	ng	100
48) 2-Nitroaniline	9.475	65	182682	48.785	ng	100
49) Acenaphthylene	9.798	152	888722	47.586	ng	100
50) Dimethylphthalate	9.663	163	665662	46.033	ng	100
51) 2,6-Dinitrotoluene	9.722	165	139115	47.966	ng	95
52) Acenaphthene	9.969	154	610821	49.512	ng	99
53) 3-Nitroaniline	9.886	138	104496	36.683	ng	# 98
54) 2,4-Dinitrophenol	9.992	184	117283	87.500	ng	# 53
55) Dibenzofuran	10.145	168	818990	45.705	ng	100
56) 4-Nitrophenol	10.045	139	231894	106.091	ng	98
57) 2,4-Dinitrotoluene	10.122	165	182760	49.999	ng	100
58) Fluorene	10.486	166	640696	44.741	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	179540	50.340	ng	99
60) Diethylphthalate	10.363	149	660722	46.114	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	314350	43.952	ng	98
62) 4-Nitroaniline	10.504	138	141222	47.613	ng	99
63) Azobenzene	10.639	77	735288	46.179	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	81363	52.301	ng	96
66) n-Nitrosodiphenylamine	10.598	169	559826	45.144	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	199890	45.011	ng	98
68) Hexachlorobenzene	11.027	284	213221	44.753	ng	98
69) Atrazine	11.122	200	199579	52.697	ng	99
70) Pentachlorophenol	11.222	266	283984	93.312	ng	99
71) Phenanthrene	11.451	178	965444	45.322	ng	100
72) Anthracene	11.498	178	990528	47.547	ng	100
73) Carbazole	11.651	167	871678	44.809	ng	99
74) Di-n-butylphthalate	11.986	149	1020162	45.227	ng	100
75) Fluoranthene	12.633	202	1031294	45.359	ng	100
77) Benzidine	12.757	184	449639	78.800	ng	100
78) Pyrene	12.863	202	1049602	45.531	ng	100
80) Butylbenzylphthalate	13.486	149	397413	49.830	ng	97
81) Benzo(a)anthracene	14.051	228	829719	45.692	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	177392	34.949	ng	99
83) Chrysene	14.092	228	791936	48.115	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	525998	49.749	ng	99
85) Di-n-octyl phthalate	14.663	149	763739	51.467	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	671523	52.321	ng	100
88) Benzo(b)fluoranthene	15.104	252	641232	44.851	ng	99
89) Benzo(k)fluoranthene	15.139	252	575726	48.349	ng	99
90) Benzo(a)pyrene	15.474	252	561020	49.661	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	550572	52.257	ng	100
92) Benzo(g,h,i)perylene	17.474	276	505039	42.309	ng	99

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

