

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
 Data File : BF129009.D
 Acq On : 26 Jun 2022 16:59
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/29/2022
 Supervised By : Jagrut Upadhyay 06/29/2022

Quant Time: Jun 27 04:25:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 04:18:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	138609	20.000	ng	0.00
21) Naphthalene-d8	7.992	136	336690	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	186989	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	343592	20.000	ng	0.00
76) Chrysene-d12	13.880	240	223384	20.000	ng	0.00
86) Perylene-d12	15.309	264	179296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1152974	132.495	ng	0.00
7) Phenol-d6	6.381	99	1451900	136.683	ng	0.01
23) Nitrobenzene-d5	7.292	82	1111743	153.735	ng	0.01
42) 2,4,6-Tribromophenol	10.545	330	309896	140.265	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	1913365	143.337	ng	0.00
79) Terphenyl-d14	12.827	244	1946886	151.442	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.387	88	170139	52.665	ng	95
3) Pyridine	3.099	79	645456	75.211	ng	91
4) n-Nitrosodimethylamine	3.087	42	398140	66.900	ng	# 84
6) Aniline	6.387	93	782412	68.297	ng	# 25
8) 2-Chlorophenol	6.510	128	612418	68.778	ng	98
9) Benzaldehyde	6.263	77	310480	47.977	ng	94
10) Phenol	6.392	94	773820	68.916	ng	# 66
11) bis(2-Chloroethyl)ether	6.457	93	603054	73.294	ng	98
12) 1,3-Dichlorobenzene	6.651	146	707516	68.732	ng	98
13) 1,4-Dichlorobenzene	6.728	146	708239	68.124	ng	99
14) 1,2-Dichlorobenzene	6.881	146	609906	62.714	ng	97
15) Benzyl Alcohol	6.875	79	556413	62.605	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.986	45	892672	65.849	ng	# 37
17) 2-Methylphenol	6.992	107	487371m	69.254	ng	
18) Hexachloroethane	7.216	117	250785	64.838	ng	95
19) n-Nitroso-di-n-propyla...	7.145	70	442049	66.931	ng	99
20) 3+4-Methylphenols	7.151	107	631100	67.171	ng	# 81
22) Acetophenone	7.134	105	875090	99.375	ng	# 95
24) Nitrobenzene	7.310	77	510421	76.882	ng	99
25) Isophorone	7.551	82	834568	75.987	ng	98
26) 2-Nitrophenol	7.616	139	239893	82.011	ng	# 85
27) 2,4-Dimethylphenol	7.669	122	348190	78.142	ng	95
28) bis(2-Chloroethoxy)met...	7.751	93	525134	75.634	ng	99
29) 2,4-Dichlorophenol	7.869	162	388808	75.392	ng	98
30) 1,2,4-Trichlorobenzene	7.939	180	428180	73.737	ng	98
31) Naphthalene	8.016	128	1302179	75.361	ng	99
32) Benzoic acid	7.863	122	184038	58.216	ng	90
33) 4-Chloroaniline	8.081	127	497193	76.319	ng	97
34) Hexachlorobutadiene	8.128	225	288856	70.141	ng	100
35) Caprolactam	8.492	113	118055m	82.783	ng	
36) 4-Chloro-3-methylphenol	8.581	107	429582	76.326	ng	95
37) 2-Methylnaphthalene	8.710	142	816559	74.297	ng	99
38) 1-Methylnaphthalene	8.810	142	789364	74.338	ng	99
40) 1,2,4,5-Tetrachloroben...	8.875	216	436420	75.150	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	265260	67.545	ng	97
44) 2,4,5-Trichlorophenol	9.051	196	278167	68.540	ng	# 93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
 Data File : BF129009.D
 Acq On : 26 Jun 2022 16:59
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/29/2022
 Supervised By : Jagrut Upadhyay 06/29/2022

Quant Time: Jun 27 04:25:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 04:18:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.175	154	1034736	73.751	ng	100
47) 2-Chloronaphthalene	9.204	162	800413	74.764	ng	98
48) 2-Nitroaniline	9.310	65	290495	79.350	ng	96
49) Acenaphthylene	9.616	152	1184396	72.265	ng	99
50) Dimethylphthalate	9.486	163	957456	74.807	ng	100
51) 2,6-Dinitrotoluene	9.557	165	200144	79.229	ng	94
52) Acenaphthene	9.786	154	717312	67.207	ng	99
53) 3-Nitroaniline	9.727	138	219183	79.945	ng	94
54) 2,4-Dinitrophenol	9.839	184	101676	72.262	ng	93
55) Dibenzofuran	9.957	168	1095448	71.415	ng	95
56) 4-Nitrophenol	9.916	139	94541	47.571	ng	# 66
57) 2,4-Dinitrotoluene	9.963	165	259142	76.868	ng	# 83
58) Fluorene	10.304	166	875148	73.568	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	216827m	64.683	ng	
60) Diethylphthalate	10.186	149	924736	71.887	ng	98
61) 4-Chlorophenyl-phenyle...	10.292	204	438928	71.139	ng	94
62) 4-Nitroaniline	10.351	138	198947	71.668	ng	85
63) Azobenzene	10.457	77	936669	73.964	ng	97
65) 4,6-Dinitro-2-methylph...	10.380	198	168317	83.009	ng	96
66) n-Nitrosodiphenylamine	10.422	169	809659	76.666	ng	99
67) 4-Bromophenyl-phenylether	10.780	248	291745	76.140	ng	94
68) Hexachlorobenzene	10.851	284	314212	73.839	ng	# 91
69) Atrazine	10.951	200	214722	63.225	ng	98
70) Pentachlorophenol	11.051	266	77327	36.403	ng	97
71) Phenanthrene	11.263	178	1271962	73.806	ng	99
72) Anthracene	11.316	178	1272983	74.627	ng	99
73) Carbazole	11.480	167	1183524	74.702	ng	99
74) Di-n-butylphthalate	11.798	149	1385209	71.810	ng	100
75) Fluoranthene	12.451	202	1330878	73.878	ng	98
78) Pyrene	12.680	202	1346676	81.029	ng	98
80) Butylbenzylphthalate	13.298	149	535745	76.761	ng	99
81) Benzo(a)anthracene	13.874	228	1074999	77.203	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	213609	71.705	ng	98
83) Chrysene	13.910	228	1013244	76.327	ng	100
84) Bis(2-ethylhexyl)phtha...	13.857	149	674336	74.318	ng	99
85) Di-n-octyl phthalate	14.468	149	978887	71.630	ng	100
87) Indeno(1,2,3-cd)pyrene	16.727	276	904384	83.688	ng	# 93
88) Benzo(b)fluoranthene	14.904	252	815627m	71.192	ng	
89) Benzo(k)fluoranthene	14.933	252	829819	76.997	ng	98
90) Benzo(a)pyrene	15.257	252	687471	76.346	ng	# 97
91) Dibenzo(a,h)anthracene	16.733	278	732811	81.752	ng	97
92) Benzo(g,h,i)perylene	17.151	276	755057	84.991	ng	# 93

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

Manual Integrations

Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022

[illegible]