

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135043.D
 Acq On : 31 Aug 2023 15:57
 Operator : CG\JU
 Sample : PB155174BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155174BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Aug 31 16:21:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	122882	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	518635	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	268102	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	512102	20.000	ng	0.00
76) Chrysene-d12	13.968	240	304440	20.000	ng	0.00
86) Perylene-d12	15.433	264	253846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1032807	129.823	ng	0.02
7) Phenol-d6	6.422	99	1286800	129.770	ng	0.00
23) Nitrobenzene-d5	7.339	82	812868	88.053	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	369737	130.006	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1434756	87.129	ng	0.00
79) Terphenyl-d14	12.910	244	1649402	88.413	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	123999	36.796	ng	99
3) Pyridine	3.334	79	327011	35.995	ng	99
4) n-Nitrosodimethylamine	3.293	42	200676	45.168	ng	94
6) Aniline	6.439	93	393964	32.049	ng	# 80
8) 2-Chlorophenol	6.563	128	418175	51.740	ng	98
9) Benzaldehyde	6.328	77	148520	29.395	ng	95
10) Phenol	6.433	94	486722	46.755	ng	93
11) bis(2-Chloroethyl)ether	6.516	93	375190	47.862	ng	98
12) 1,3-Dichlorobenzene	6.716	146	407000	48.878	ng	99
13) 1,4-Dichlorobenzene	6.792	146	414143	49.692	ng	99
14) 1,2-Dichlorobenzene	6.939	146	394397	50.712	ng	99
15) Benzyl Alcohol	6.922	79	348436	51.289	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	629619	47.962	ng	100
17) 2-Methylphenol	7.033	107	329023	46.717	ng	97
18) Hexachloroethane	7.281	117	153887	49.847	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	267788	45.464	ng	93
20) 3+4-Methylphenols	7.186	107	385826	46.436	ng	95
22) Acetophenone	7.186	105	532473	46.158	ng	100
24) Nitrobenzene	7.357	77	428186	45.217	ng	96
25) Isophorone	7.598	82	780280	44.580	ng	98
26) 2-Nitrophenol	7.675	139	223899	47.856	ng	100
27) 2,4-Dimethylphenol	7.716	122	333022	44.212	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	474102	44.903	ng	99
29) 2,4-Dichlorophenol	7.916	162	340307	47.536	ng	100
30) 1,2,4-Trichlorobenzene	7.998	180	364182	47.074	ng	100
31) Naphthalene	8.075	128	1137580	44.901	ng	99
32) Benzoic acid	7.857	122	309525	51.369	ng	96
33) 4-Chloroaniline	8.127	127	232536	20.984	ng	96
34) Hexachlorobutadiene	8.192	225	203225	46.288	ng	98
35) Caprolactam	8.510	113	117631m	50.184	ng	
36) 4-Chloro-3-methylphenol	8.622	107	373539	48.040	ng	100
37) 2-Methylnaphthalene	8.769	142	740565	43.809	ng	99
38) 1-Methylnaphthalene	8.869	142	710960	44.949	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	336681	44.860	ng	99
41) Hexachlorocyclopentadiene	8.922	237	321901	100.771	ng	97
43) 2,4,6-Trichlorophenol	9.051	196	243195	48.249	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135043.D
 Acq On : 31 Aug 2023 15:57
 Operator : CG\JU
 Sample : PB155174BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155174BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Aug 31 16:21:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	257765	44.173	ng	# 94
46) 1,1'-Biphenyl	9.239	154	932702	45.534	ng	100
47) 2-Chloronaphthalene	9.263	162	720782	46.793	ng	99
48) 2-Nitroaniline	9.363	65	249595	47.335	ng	91
49) Acenaphthylene	9.674	152	1091355	46.870	ng	100
50) Dimethylphthalate	9.545	163	867376	46.204	ng	99
51) 2,6-Dinitrotoluene	9.610	165	194745	47.277	ng	89
52) Acenaphthene	9.851	154	664064	44.752	ng	99
53) 3-Nitroaniline	9.774	138	150147	31.291	ng	97
54) 2,4-Dinitrophenol	9.892	184	225872	114.731	ng	# 86
55) Dibenzofuran	10.021	168	956161	44.669	ng	100
56) 4-Nitrophenol	9.951	139	333346	98.829	ng	95
57) 2,4-Dinitrotoluene	10.016	165	245841	47.890	ng	95
58) Fluorene	10.369	166	755625	46.304	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	223686	49.780	ng	99
60) Diethylphthalate	10.251	149	810908	45.888	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	356018	44.106	ng	95
62) 4-Nitroaniline	10.398	138	215359	45.869	ng	97
63) Azobenzene	10.521	77	806192	45.308	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	155072	50.034	ng	94
66) n-Nitrosodiphenylamine	10.486	169	696347	43.732	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	238775	43.960	ng	97
68) Hexachlorobenzene	10.916	284	265600	47.290	ng	97
70) Pentachlorophenol	11.116	266	265251	78.064	ng	100
71) Phenanthrene	11.333	178	1180233	44.673	ng	100
72) Anthracene	11.386	178	1216125	45.053	ng	99
73) Carbazole	11.545	167	1092783	46.937	ng	99
74) Di-n-butylphthalate	11.880	149	1274045	45.396	ng	100
75) Fluoranthene	12.527	202	1264611	47.343	ng	100
77) Benzidine	12.651	184	325604	59.330	ng	98
78) Pyrene	12.757	202	1280680	44.306	ng	100
80) Butylbenzylphthalate	13.386	149	517433	49.552	ng	99
81) Benzo(a)anthracene	13.957	228	949891	45.740	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	260574	41.582	ng	98
83) Chrysene	13.992	228	950684	46.582	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	591789	54.761	ng	100
85) Di-n-octyl phthalate	14.568	149	949261	57.549	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	822632	48.112	ng	98
88) Benzo(b)fluoranthene	15.009	252	832479	52.706	ng	98
89) Benzo(k)fluoranthene	15.039	252	738704	48.411	ng	98
90) Benzo(a)pyrene	15.374	252	679922	46.339	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	662686	47.854	ng	99
92) Benzo(g,h,i)perylene	17.368	276	675467	46.898	ng	99

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

